



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

PFE ORIGINAL

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

October 31, 2005

Mr. Larry Harmon  
Plant Manager  
Safety Light Corporation  
4150-A Old Berwick Road  
Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site  
July 2005 Sampling of Residential Well, RW-1

Dear Mr. Harmon:

The purpose of this letter is to provide you with the results from the sampling of the  
(b) (6) residential well located on the Safety Light Site on July 19, 2005.

The attached results do not indicate an exceedance of any drinking water standards. However, past results on this well have indicated exceedances. I recommend the continued use of bottled water if the residence will be used by contractors working at the Site.

The water from the well was analyzed for a large list of potential chemicals which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs), metals, and radiological parameters. Attached is a table summarizing the list of chemicals that have been analyzed and the results. If there is a U in the last column, this means that the chemical was undetected. A table explaining the other qualifiers is attached.

EPA intends to sample the water again this November to take into account seasonal variations and its impact on the groundwater. If you have any questions about these results or other matters related to the Site, please call me at (215) 814-3195 or email me at dietz.linda@epa.gov.

Sincerely,

Linda Dietz  
Remedial Project Manager  
Eastern Pennsylvania Remedial Section



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U.S. Postal Service

# CERTIFIED MAIL RECEIPT

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OFFICIAL USE

Mr. Larry Harmon  
Plant Manager  
Safety Light Corporation  
4150-A Old Berwick Road  
Bloomsburg, PA 17815

PFL PENNSYLVANIA

Re: Safety Light Corporation Superfund Site  
July 2005 Sampling of Residential Well,

City, State, ZIP+4

7002 0510 0000 6106 1660 0997

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10/31/05

Cordy

PFE ORIGINAL

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need 2 copies.

The,

Linda Dutz

1 copy -> Me AC

1 copy ->

(b) (6)

TTNUS.

600 CLARK Ave  
Suite 3

King of Prussia, PA

19406

DATA SUMMARY OF ANALYTICAL RESULTS  
 (b) (6)  
 BLOOMSBURG, PENNSYLVANIA

|                  |          |
|------------------|----------|
| Sample ID:       | RW1      |
| Sample Date:     | 07/19/05 |
| Duplicate:       |          |
|                  |          |
|                  | RESULT   |
| TOTAL INORGANICS | ug/L     |
| Antimony         | 2 U      |
| Arsenic          | 0.18 B   |
| Barium           | 29.5     |
| Beryllium        | 1 UL     |
| Cadmium          | 1 U      |
| Chromium         | 0.26 B   |
| Cobalt           | 0.071 B  |
| Copper           | 432      |
| Lead             | 2.2      |
| Manganese        | 6.8      |
| Mercury          | 0.2 UL   |
| Nickel           | 0.89 J   |
| Selenium         | 5 U      |
| Silver           | 0.034 B  |
| Thallium         | 1 U      |
| Vanadium         | 0.07 B   |
| Zinc             | 10.8     |
| Cyanide          | 10 UL    |
|                  |          |
| RADIOCHEMISTRY   | pci/L    |
| Alpha            | 0.732    |
| Beta             | 1.53     |
|                  |          |
| Am241            | 0.0956   |
| Ba140            | 10.8 U   |
| Bi214            | 44.9 J   |
| Co60             | 2.23 U   |
| Cs137            | 2.99 U   |
| I131             | 3.74 U   |
| K40              | 21.7 U   |
| Pb210            | 595 U    |
| Pb212            | NA       |
| Pb214            | 49.4 J   |
| Ra226            | 62.3 U   |
| Ra228(gamma)     | 14.5 U   |
|                  |          |
| H3               | 19100    |
|                  |          |
| Ra228            | 0.101    |
|                  |          |
| Sr89             | -0.608   |
| Sr90             | 0.483    |
|                  |          |
| Th227            | -0.0162  |
| Th228            | 0.0292   |
| Th230            | 0.0131   |
| Th232            | 0        |

DATA SUMMARY OF ANALYTICAL RESULTS  
 (b) (6) [REDACTED]  
 BLOOMSBURG, PENNSYLVANIA

|                              |               |
|------------------------------|---------------|
| Sample ID:                   | RW1           |
| Sample Date:                 | 07/19/06      |
| Duplicate:                   |               |
|                              |               |
|                              |               |
| <b>SEMIVOLATILES</b>         | <b>RESULT</b> |
|                              | <b>ug/L</b>   |
| 1,1'-Biphenyl                | 5 U           |
| 1,2,4,5-Tetrachlorobenzene   | 5 U           |
| 2,2'-Oxybis(1-chloropropane) | 5 U           |
| 2,4,5-Trichlorophenol        | 20 U          |
| 2,4,6-Trichlorophenol        | 5 U           |
| 2,4-Dichlorophenol           | 5 U           |
| 2,4-Dimethylphenol           | 5 U           |
| 2,4-Dinitrophenol            | 20 U          |
| 2,4-Dinitrotoluene           | 5 U           |
| 2,6-Dinitrotoluene           | 5 U           |
| 2-Chloronaphthalene          | 5 U           |
| 2-Chlorophenol               | 5 U           |
| 2-Methylnaphthalene          | 5 U           |
| 2-Methylphenol               | 5 U           |
| 2-Nitroaniline               | 20 U          |
| 2-Nitrophenol                | 5 U           |
| 3,3'-Dichlorobenzidine       | 5 U           |
| 3-Nitroaniline               | 20 U          |
| 4,6-Dinitro-2-methylphenol   | 20 U          |
| 4-Bromophenyl Phenyl Ether   | 5 U           |
| 4-Chloro-3-methylphenol      | 5 U           |
| 4-Chloroaniline              | 5 U           |
| 4-Chlorophenyl Phenyl Ether  | 5 U           |
| 4-Methylphenol               | 5 U           |
| 4-Nitroaniline               | 20 U          |
| 4-Nitrophenol                | 20 U          |
| Acenaphthene                 | 5 U           |
| Acenaphthylene               | 5 U           |
| Acetophenone                 | 5 U           |
| Anthracene                   | 5 U           |
| Atrazine                     | 5 U           |
| Benz(a)anthracene            | 5 U           |
| Benzaldehyde                 | 5 U           |
| Benzo(a)pyrene               | 5 U           |
| Benzo(b)fluoranthene         | 5 U           |
| Benzo(g,h,i)perylene         | 5 U           |
| Benzo(k)fluoranthene         | 5 U           |
| Bis(2-chloroethoxy)methane   | 5 U           |
| Bis(2-ethylhexyl)phthalate   | 5 U           |
| Bis-(2-chloroethyl) Ether    | 5 U           |
| Butylbenzylphthalate         | 5 U           |
| Caprolactam                  | 5 U           |
| Chrysene                     | 5 U           |
| Di-n-butylphthalate          | 5 U           |
| Di-n-octylphthalate          | 5 U           |
| Dibenz(a,h)anthracene        | 5 U           |
| Dibenzofuran                 | 5 U           |
| Diethylphthalate             | 5 U           |
| Dimethylphthalate            | 5 U           |

DATA SUMMARY OF ANALYTICAL RESULTS  
 (b) (6) [REDACTED]  
 BLOOMSBURG, PENNSYLVANIA

|                            |          |
|----------------------------|----------|
| Sample ID:                 | RW1      |
| Sample Date:               | 07/19/05 |
| Duplicate:                 |          |
|                            |          |
|                            | RESULT   |
| Fluoranthene               | 5 U      |
| Fluorene                   | 5 U      |
| SEMIVOLATILES (Con't)      | ug/L     |
| Hexachlorobenzene          | 5 U      |
| Hexachlorobutadiene        | 5 U      |
| Hexachlorocyclopentadiene  | 5 U      |
| Hexachloroethane           | 5 U      |
| Indeno(1,2,3-cd)pyrene     | 5 U      |
| Isophorone                 | 5 U      |
| N-Nitroso-di-n-propylamine | 5 U      |
| N-Nitrosodiphenylamine (1) | 5 U      |
| Naphthalene                | 5 U      |
| Nitrobenzene               | 5 U      |
| Pentachlorophenol          | 5 U      |
| Phenanthrene               | 5 U      |
| Phenol                     | 5 U      |
| Pyrene                     | 5 U      |
| PESTICIDES/PCBS            | ug/L     |
| 4,4'-DDD                   | 0.02 U   |
| 4,4'-DDE                   | 0.02 U   |
| 4,4'-DDT                   | 0.02 U   |
| Aldrin                     | 0.01 U   |
| Alpha-BHC                  | 0.01 U   |
| Alpha-Chlordane            | 0.01 U   |
| Beta-BHC                   | 0.01 U   |
| Delta-BHC                  | 0.01 U   |
| Dieldrin                   | 0.01 U   |
| Endosulfan I               | 0.02 U   |
| Endosulfan II              | 0.01 U   |
| Endosulfan Sulfate         | 0.02 U   |
| Endrin                     | 0.02 U   |
| Endrin Aldehyde            | 0.02 U   |
| Endrin Ketone              | 0.02 U   |
| Gamma-BHC (Lindane)        | 0.02 U   |
| Gamma-Chlordane            | 0.01 U   |
| Heptachlor                 | 0.01 U   |
| Heptachlor Epoxide         | 0.01 U   |
| Methoxychlor               | 0.01 U   |
| Toxaphene                  | 0.1 U    |
| Aroclor-1016               | 1 U      |
| Aroclor-1221               | 0.2 U    |
| Aroclor-1232               | 0.4 U    |
| Aroclor-1242               | 0.2 U    |
| Aroclor-1248               | 0.2 U    |
| Aroclor-1254               | 0.2 U    |
| Aroclor-1260               | 0.2 U    |

DATA SUMMARY OF ANALYTICAL RESULTS  
 FOR [REDACTED] PE [REDACTED]  
 (b) (6) [REDACTED] BLOOMSBURG, PENNSYLVANIA

| Sample ID:                            | RW1      | SEMIVOLATILES                | ug/L | SEMIVOLATILES (Con't)     | ug/L | VOLATILES                             | ug/L  |
|---------------------------------------|----------|------------------------------|------|---------------------------|------|---------------------------------------|-------|
| Sample Date:                          | 07/19/06 | 1,1'-Biphenyl                | 5 U  | Hexachlorobenzene         | 5 U  | 1,1,1-Trichloroethane                 | 0.5 U |
| Duplicate:                            |          | 1,2,4,5-Tetrachlorobenzene   | 5 U  | Hexachlorobutadiene       | 5 U  | 1,1,2,2-Tetrachloroethane             | 0.5 U |
|                                       |          | 2,2'-Oxybis(1-chloropropane) | 5 U  | Hexachlorocyclopentadiene | 5 U  | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.5 U |
|                                       |          | 2,4,5-Trichlorophenol        | 20 U | Hexachloroethane          | 5 U  | 1,1,2-Trichloroethane                 | 0.5 U |
| VOLATILES                             | RESULT   |                              |      |                           |      |                                       |       |
| 1,1,1-Trichloroethane                 | 0.5 U    |                              |      |                           |      |                                       |       |
| 1,1,2,2-Tetrachloroethane             | 0.5 U    |                              |      |                           |      |                                       |       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.5 U    |                              |      |                           |      |                                       |       |
| 1,1,2-Trichloroethane                 | 0.5 U    |                              |      |                           |      |                                       |       |
| 1,1-Dichloroethane                    | 0.5 U    |                              |      |                           |      |                                       |       |
| 1,1-Dichloroethene                    | 0.5 U    |                              |      |                           |      |                                       |       |
| 1,2,3-Trichlorobenzene                | 0.5 U    |                              |      |                           |      |                                       |       |
| 1,2,4-Trichlorobenzene                | 0.5 U    |                              |      |                           |      |                                       |       |
| 1,2-Dibromo-3-chloropropane           | 0.5 U    |                              |      |                           |      |                                       |       |
| 1,2-Dibromoethane                     | 0.5 U    |                              |      |                           |      |                                       |       |
| 1,2-Dichlorobenzene                   | 0.5 U    |                              |      |                           |      |                                       |       |
| 1,2-Dichloroethane                    | 0.5 U    |                              |      |                           |      |                                       |       |
| 1,2-Dichloroethene (cis)              | 0.5 U    |                              |      |                           |      |                                       |       |
| 1,2-Dichloroethene (trans)            | 0.5 U    |                              |      |                           |      |                                       |       |
| 1,2-Dichloropropane                   | 0.5 U    |                              |      |                           |      |                                       |       |
| 1,3-Dichlorobenzene                   | 0.5 U    |                              |      |                           |      |                                       |       |
| 1,4-Dichlorobenzene                   | 0.5 U    |                              |      |                           |      |                                       |       |
| 2-Butanone                            | 5 U      |                              |      |                           |      |                                       |       |
| 2-Hexanone                            | 5 U      |                              |      |                           |      |                                       |       |
| 4-Methyl-2-pentanone                  | 5 U      |                              |      |                           |      |                                       |       |
| Acetone                               | 5 U      |                              |      |                           |      |                                       |       |
| Benzene                               | 2.7 B    |                              |      |                           |      |                                       |       |
| Bromochloromethane                    | 0.5 U    |                              |      |                           |      |                                       |       |
| Bromodichloromethane                  | 0.5 U    |                              |      |                           |      |                                       |       |
| Bromoform                             | 0.5 U    |                              |      |                           |      |                                       |       |
| Bromomethane                          | 0.5 U    |                              |      |                           |      |                                       |       |
| Carbon Disulfide                      | 0.5 U    |                              |      |                           |      |                                       |       |
| Carbon Tetrachloride                  | 0.5 U    |                              |      |                           |      |                                       |       |
| Chlorobenzene                         | 0.5 U    |                              |      |                           |      |                                       |       |
| Chloroethane                          | 0.5 U    |                              |      |                           |      |                                       |       |
| Chloroform                            | 0.5 U    |                              |      |                           |      |                                       |       |
| Chloromethane                         | 0.5 U    |                              |      |                           |      |                                       |       |
| cis-1,3-Dichloropropene               | 0.5 U    |                              |      |                           |      |                                       |       |
| Cyclohexane                           | 0.5 U    |                              |      |                           |      |                                       |       |
| Dibromochloromethane                  | 0.5 U    |                              |      |                           |      |                                       |       |
| Dichlorodifluoromethane               | 0.5 U    |                              |      |                           |      |                                       |       |
| Ethylbenzene                          | 0.5 U    |                              |      |                           |      |                                       |       |
| Isopropylbenzene                      | 0.5 U    |                              |      |                           |      |                                       |       |
| Methyl Acetate                        | 0.5 U    |                              |      |                           |      |                                       |       |
| Methyl Tert-butyl Ether               | 0.5 U    |                              |      |                           |      |                                       |       |
| Methylcyclohexane                     | 0.5 U    |                              |      |                           |      |                                       |       |
| Methylene Chloride                    | 0.33 B   |                              |      |                           |      |                                       |       |
| Styrene                               | 0.5 U    |                              |      |                           |      |                                       |       |
| Tetrachloroethene                     | 0.5 U    |                              |      |                           |      |                                       |       |
| Toluene                               | 0.5 U    |                              |      |                           |      |                                       |       |
| trans-1,3-Dichloropropene             | 0.5 U    |                              |      |                           |      |                                       |       |
| Trichloroethene                       | 0.5 U    |                              |      |                           |      |                                       |       |
| Trichlorofluoromethane                | 0.5 U    |                              |      |                           |      |                                       |       |
| Vinyl Chloride                        | 0.5 U    |                              |      |                           |      |                                       |       |



DATA SUMMARY OF ANALYTICAL RESULTS  
 (b) (6) [REDACTED] [REDACTED] PENNSYLVANIA

|                |          |                              |      |  |                           |                                       |       |
|----------------|----------|------------------------------|------|--|---------------------------|---------------------------------------|-------|
| Sample ID:     | RW1      | SEMIVOLATILES                |      |  |                           |                                       |       |
| Sample Date:   | 07/19/05 | 1,1'-Biphenyl                | ug/L |  | SEMIVOLATILES (Con't)     |                                       |       |
| Duplicate:     |          | 1,2,4,5-Tetrachlorobenzene   | 5 U  |  | Hexachlorobenzene         | ug/L                                  |       |
|                |          | 2,2'-Oxybis(1-chloropropane) | 5 U  |  | Hexachlorobutadiene       | 5 U                                   |       |
|                |          | 2,4,5-Trichlorophenol        | 5 U  |  | Hexachlorocyclopentadiene | 5 U                                   |       |
| Xylene (Total) | RESULT   |                              | 20 U |  | Hexachloroethane          | 5 U                                   |       |
|                | 0.5 U    |                              |      |  |                           |                                       |       |
|                |          |                              |      |  |                           | VOLATILES                             |       |
|                |          |                              |      |  |                           | 1,1,1-Trichloroethane                 | ug/L  |
|                |          |                              |      |  |                           | 1,1,2,2-Tetrachloroethane             | 0.5 U |
|                |          |                              |      |  |                           | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.5 U |
|                |          |                              |      |  |                           | 1,1,2-Trichloroethane                 | 0.5 U |
|                |          |                              |      |  |                           |                                       |       |

## **GLOSSARY OF DATA QUALIFIERS**

### **CODES RELATED TO IDENTIFICATION**

(confidence concerning presence or absence of compounds)

U = Not detected. The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unusable results. Analyte may or may not be present in the sample. Supporting data necessary to confirm.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

### **CODES RELATED TO QUANTITATION**

(can be used for both positive results and sample quantitation limits)

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

UJ = not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

### **OTHER CODES**

NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

Q = No analytical result.

7002 0510 0003 9019 1653

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**

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OFFICIAL USE

(b) (6)

Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site  
July 2005 Sampling of Residential Well,

Street, Apt. No.,  
or PO Box No.

City, State, ZIP+4

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Additional fee, delivery may be restricted to the addressee or his authorized agent. Advise the clerk or mark the mailpiece with the word "Restricted Delivery".

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**IMPORTANT: Save this receipt and present it when making an inquiry.**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

October 31, 2005

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

(b) (6)

Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site  
July 2005 Sampling of Residential Well, RW-2

Dear (b) (6)

The purpose of this letter is to provide you with the results from the sampling of your home well on July 19, 2005.

The water from your home was analyzed for a large list of potential chemicals which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs), metals, and radiological parameters. Attached is a table summarizing the compounds that were analyzed and the result for each compound. The compounds listed in the attached table with a U in the last column were **not** detected in your water.

EPA has compared your results with MCLs, which are the maximum contaminant levels allowed in a public water supply and the results have also been reviewed by an EPA toxicologist. EPA has determined that your results are below MCLs. In general, only low levels of sporadic chemicals were detected. Based on this data set, EPA believes your water is safe for use.

EPA intends to sample the water from your home again this November to take into account seasonal variations and its impact on the groundwater. If you have any questions about these results or other matters related to the Site, please call me at (215) 814-3195 or email me at [dietz.linda@epa.gov](mailto:dietz.linda@epa.gov). Thank you for your continued support during our sampling efforts.

Sincerely,

Linda Dietz

Remedial Project Manager

Eastern Pennsylvania Remedial Section



(b) (6)

BLOOMSBURG, PENNSYLVANIA

|                         |               |               |
|-------------------------|---------------|---------------|
| Sample ID:              | RW2           | RW2-DUP       |
| Sample Date:            | 07/19/06      | 07/19/06      |
| Duplicate:              | RW2-DUP       | RW2           |
|                         |               |               |
| <b>TOTAL INORGANICS</b> | <b>RESULT</b> | <b>RESULT</b> |
|                         | ug/L          | ug/L          |
| Antimony                | 2 U           | 2 U           |
| Arsenic                 | 0.26 B        | 0.23 B        |
| Barium                  | 37.3          | 37.2          |
| Beryllium               | 1 UL          | 1 UL          |
| Cadmium                 | 1 U           | 1 U           |
| Chromium                | 0.28 B        | 0.28 B        |
| Cobalt                  | 0.06 B        | 0.083 B       |
| Copper                  | 11.5          | 15.6          |
| Lead                    | 0.85 J        | 1 J           |
| Manganese               | 0.18 B        | 0.23 B        |
| Mercury                 | 0.2 UL        | 0.2 UL        |
| Nickel                  | 0.34 J        | 0.32 J        |
| Selenium                | 5 U           | 0.54 J        |
| Silver                  | 0.033 B       | 1 U           |
| Thallium                | 1 U           | 1 U           |
| Vanadium                | 0.084 B       | 1 U           |
| Zinc                    | 42.6          | 52.9          |
| Cyanide                 | 10 UL         | 10 UL         |
|                         |               |               |
| <b>RADIOCHEMISTRY</b>   | <b>pci/L</b>  | <b>pci/L</b>  |
| Alpha                   | 0.198         | 0.678         |
| Beta                    | 1.55          | 4.1           |
|                         |               |               |
| Am241                   | -0.0275       | 0.0214        |
| Ba140                   | 11.6 U        | 11.1 U        |
| Bi214                   | 75.6 J        | 89.5 J        |
| Co60                    | 2.39 U        | 2.45 U        |
| Cs137                   | 3.1 U         | 3.36 U        |
| Il131                   | 4.1 U         | 3.93 U        |
| K40                     | 13.6          | 24.8 U        |
| Pb210                   | 680 U         | 680 U         |
| Pb212                   | 2.26          | NA            |
| Pb214                   | 81.2 J        | 98.4 J        |
| Ra226                   | 66.4 U        | 70.8 U        |
| Ra228(gamma)            | 16.6 U        | 16.4 U        |
|                         |               |               |
| H3                      | 520           | 430           |
|                         |               |               |
| Ra228                   | 0.27          | -0.273        |
|                         |               |               |
| Sr89                    | -0.0159       | 0.529         |
| Sr90                    | 0.293         | 0.00564       |
|                         |               |               |
| Th227                   | 0.012         | 0.029         |
| Th228                   | 0.00337       | 0.0561        |
| Th230                   | 0.0253        | 0.0103        |
| Th232                   | 0             | 0             |

DATA SUMMARY OF ANALYTICAL RESULTS  
 (b) (6)  
 BLOOMSBURG, PENNSYLVANIA

| Sample ID:                   | RW2      | RW2-DUP  |
|------------------------------|----------|----------|
| Sample Date:                 | 07/19/05 | 07/19/05 |
| Duplicate:                   | RW2-DUP  | RW2      |
| SEMIVOLATILES                | RESULT   | RESULT   |
|                              | ug/L     | ug/L     |
| 1,1'-Biphenyl                | 5 U      | 5 U      |
| 1,2,4,5-Tetrachlorobenzene   | 5 U      | 5 U      |
| 2,2'-Oxybis(1-chloropropane) | 5 U      | 5 U      |
| 2,4,5-Trichlorophenol        | 5 U      | 5 U      |
| 2,4,6-Trichlorophenol        | 20 U     | 20 U     |
| 2,4-Dichlorophenol           | 5 U      | 5 U      |
| 2,4-Dimethylphenol           | 5 U      | 5 U      |
| 2,4-Dinitrophenol            | 5 U      | 5 U      |
| 2,4-Dinitrotoluene           | 20 U     | 20 U     |
| 2,6-Dinitrotoluene           | 5 U      | 5 U      |
| 2-Chloronaphthalene          | 5 U      | 5 U      |
| 2-Chlorophenol               | 5 U      | 5 U      |
| 2-Methylnaphthalene          | 5 U      | 5 U      |
| 2-Methylphenol               | 5 U      | 5 U      |
| 2-Nitroaniline               | 5 U      | 5 U      |
| 2-Nitrophenol                | 20 U     | 20 U     |
| 3,3'-Dichlorobenzidine       | 5 U      | 5 U      |
| 3-Nitroaniline               | 5 U      | 5 U      |
| 4,6-Dinitro-2-methylphenol   | 20 U     | 20 U     |
| 4-Bromophenyl Phenyl Ether   | 20 UL    | 20 UL    |
| 4-Chloro-3-methylphenol      | 5 U      | 5 U      |
| 4-Chloroaniline              | 5 U      | 5 U      |
| 4-Chlorophenyl Phenyl Ether  | 5 U      | 5 U      |
| 4-Methylphenol               | 5 U      | 5 U      |
| 4-Nitroaniline               | 5 U      | 5 U      |
| 4-Nitrophenol                | 20 U     | 20 U     |
| Acenaphthene                 | 20 U     | 20 U     |
| Acenaphthylene               | 5 U      | 5 U      |
| Acetophenone                 | 5 U      | 5 U      |
| Anthracene                   | 5 U      | 5 U      |
| Atrazine                     | 5 U      | 5 U      |
| Benz(a)anthracene            | 5 U      | 5 U      |
| Benzaldehyde                 | 5 U      | 5 U      |
| Benzo(a)pyrene               | 5 U      | 5 U      |
| Benzo(b)fluoranthene         | 5 U      | 5 U      |
| Benzo(g,h,i)perylene         | 5 U      | 5 U      |
| Benzo(k)fluoranthene         | 5 U      | 5 U      |
| Bis(2-chloroethoxy)methane   | 5 U      | 5 U      |
| Bis(2-ethylhexyl)phthalate   | 5 U      | 5 U      |
| Bis-(2-chloroethyl) Ether    | 5 U      | 5 U      |
| Butylbenzylphthalate         | 5 U      | 5 U      |
| Caprolactam                  | 5 U      | 5 U      |
| Chrysene                     | 5 U      | 5 U      |
| Di-n-butylphthalate          | 5 U      | 5 U      |
| Di-n-octylphthalate          | 5 U      | 5 U      |
| Dibenz(a,h)anthracene        | 5 U      | 5 U      |
| Dibenzofuran                 | 5 U      | 5 U      |
| Diethylphthalate             | 5 U      | 5 U      |
| Dimethylphthalate            | 5 U      | 5 U      |

DATA SUMMARY OF ANALYTICAL RESULTS  
 (b) (6)  
 BLOOMSBURG, PENNSYLVANIA

|                            |          |          |
|----------------------------|----------|----------|
| Sample ID:                 | RW2      | RW2-DUP  |
| Sample Date:               | 07/19/06 | 07/19/06 |
| Duplicate:                 | RW2-DUP  | RW2      |
|                            | RESULT   | RESULT   |
| Fluoranthene               | 5 U      | 5 U      |
| Fluorene                   | 5 U      | 5 U      |
| SEMI-VOLATILES (Cont)      | ug/L     | ug/L     |
| Hexachlorobenzene          | 5 U      | 5 U      |
| Hexachlorobutadiene        | 5 U      | 5 U      |
| Hexachlorocyclopentadiene  | 5 U      | 5 U      |
| Hexachloroethane           | 5 U      | 5 U      |
| Indeno(1,2,3-cd)pyrene     | 5 U      | 5 U      |
| Isophorone                 | 5 U      | 5 U      |
| N-Nitroso-di-n-propylamine | 5 U      | 5 U      |
| N-Nitrosodiphenylamine (1) | 5 U      | 5 U      |
| Naphthalene                | 5 U      | 5 U      |
| Nitrobenzene               | 5 U      | 5 U      |
| Pentachlorophenol          | 5 U      | 5 U      |
| Phenanthrene               | 5 U      | 5 U      |
| Phenol                     | 5 U      | 5 U      |
| Pyrene                     | 5 U      | 5 U      |
| PESTICIDES/PCBS            | ug/L     | ug/L     |
| 4,4'-DDD                   | 0.02 U   | 0.02 U   |
| 4,4'-DDE                   | 0.02 U   | 0.02 U   |
| 4,4'-DDT                   | 0.02 U   | 0.02 U   |
| Aldrin                     | 0.01 U   | 0.01 U   |
| Alpha-BHC                  | 0.01 U   | 0.01 U   |
| Alpha-Chlordane            | 0.01 U   | 0.01 U   |
| Beta-BHC                   | 0.01 U   | 0.01 U   |
| Delta-BHC                  | 0.01 U   | 0.01 U   |
| Dieldrin                   | 0.01 U   | 0.01 U   |
| Endosulfan I               | 0.02 U   | 0.02 U   |
| Endosulfan II              | 0.01 U   | 0.01 U   |
| Endosulfan Sulfate         | 0.02 U   | 0.02 U   |
| Endrin                     | 0.02 U   | 0.02 U   |
| Endrin Aldehyde            | 0.02 U   | 0.02 U   |
| Endrin Ketone              | 0.02 U   | 0.02 U   |
| Gamma-BHC (Lindane)        | 0.01 U   | 0.01 U   |
| Gamma-Chlordane            | 0.01 U   | 0.01 U   |
| Heptachlor                 | 0.01 U   | 0.01 U   |
| Heptachlor Epoxide         | 0.01 U   | 0.01 U   |
| Methoxychlor               | 0.1 U    | 0.1 U    |
| Toxaphene                  | 1 U      | 1 U      |
| Aroclor-1016               | 0.2 U    | 0.2 U    |
| Aroclor-1221               | 0.4 U    | 0.4 U    |
| Aroclor-1232               | 0.2 U    | 0.2 U    |
| Aroclor-1242               | 0.2 U    | 0.2 U    |
| Aroclor-1248               | 0.2 U    | 0.2 U    |
| Aroclor-1254               | 0.2 U    | 0.2 U    |
| Aroclor-1260               | 0.2 U    | 0.2 U    |



DATA SUMMARY OF ANALYTICAL RESULTS  
 (b) (6)  
 BLOOMSBURG, PENNSYLVANIA

| Sample ID:                            | RW2      | RW2-DUP  |
|---------------------------------------|----------|----------|
| Sample Date:                          | 07/19/05 | 07/19/05 |
| Duplicate:                            | RW2-DUP  | RW2      |
|                                       | RESULT   | RESULT   |
| VOLATILES                             | ug/L     | ug/L     |
| 1,1,1-Trichloroethane                 | 0.36 J   | 0.31 J   |
| 1,1,1,2-Tetrachloroethane             | 0.5 U    | 0.5 U    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.5 U    | 0.5 U    |
| 1,1,2-Trichloroethane                 | 0.5 U    | 0.5 U    |
| 1,1-Dichloroethane                    | 0.5 U    | 0.5 U    |
| 1,1-Dichloroethene                    | 0.5 U    | 0.5 U    |
| 1,2,3-Trichlorobenzene                | 0.5 U    | 0.5 U    |
| 1,2,4-Trichlorobenzene                | 0.5 U    | 0.5 U    |
| 1,2-Dibromo-3-chloropropane           | 0.5 U    | 0.5 U    |
| 1,2-Dibromoethane                     | 0.5 U    | 0.5 U    |
| 1,2-Dichlorobenzene                   | 0.5 U    | 0.5 U    |
| 1,2-Dichloroethane                    | 0.5 U    | 0.5 U    |
| 1,2-Dichloroethene (cis)              | 0.5 U    | 0.5 U    |
| 1,2-Dichloroethene (trans)            | 0.5 U    | 0.5 U    |
| 1,2-Dichloropropane                   | 0.5 U    | 0.5 U    |
| 1,3-Dichlorobenzene                   | 0.5 U    | 0.5 U    |
| 1,4-Dichlorobenzene                   | 0.5 U    | 0.5 U    |
| 2-Butanone                            | 5 U      | 5 U      |
| 2-Hexanone                            | 5 U      | 5 U      |
| 4-Methyl-2-pentanone                  | 5 U      | 5 U      |
| Acetone                               | 5 U      | 5 U      |
| Benzene                               | 2.3 B    | 2 B      |
| Bromochloromethane                    | 0.5 U    | 0.5 U    |
| Bromodichloromethane                  | 0.5 U    | 0.5 U    |
| Bromoform                             | 0.5 U    | 0.5 U    |
| Bromomethane                          | 0.5 U    | 0.5 U    |
| Carbon Disulfide                      | 0.5 U    | 0.5 U    |
| Carbon Tetrachloride                  | 0.5 U    | 0.5 U    |
| Chlorobenzene                         | 0.5 U    | 0.5 U    |
| Chloroethane                          | 0.5 U    | 0.5 U    |
| Chloroform                            | 0.5 U    | 0.5 U    |
| Chloromethane                         | 0.5 U    | 0.5 U    |
| cis-1,3-Dichloropropene               | 0.5 U    | 0.5 U    |
| Cyclohexane                           | 0.5 U    | 0.5 U    |
| Dibromochloromethane                  | 0.5 U    | 0.5 U    |
| Dichlorodifluoromethane               | 0.5 U    | 0.5 U    |
| Ethylbenzene                          | 0.5 U    | 0.5 U    |
| Isopropylbenzene                      | 0.5 U    | 0.5 U    |
| Methyl Acetate                        | 0.5 U    | 0.5 U    |
| Methyl Tert-butyl Ether               | 0.5 U    | 0.5 U    |
| Methylcyclohexane                     | 0.5 U    | 0.5 U    |
| Methylene Chloride                    | 0.5 U    | 0.5 U    |
| Styrene                               | 0.36 B   | 0.37 B   |
| Tetrachloroethene                     | 0.5 U    | 0.5 U    |
| Toluene                               | 0.49 J   | 0.54     |
| trans-1,3-Dichloropropene             | 0.5 U    | 0.5 U    |
| Trichloroethene                       | 0.5 U    | 0.5 U    |
| Trichlorofluoromethane                | 0.5 U    | 0.5 U    |
| Vinyl Chloride                        | 0.5 U    | 0.5 U    |

DATA SUMMARY OF ANALYTICAL RESULTS  
MIDDLETOWN  
BLOOMSBURG, PENNSYLVANIA

|                |          |          |
|----------------|----------|----------|
| Sample ID:     | RW2      | RW2-DUP  |
| Sample Date:   | 07/19/05 | 07/19/05 |
| Duplicate:     | RW2-DUP  | RW2      |
|                | RESULT   | RESULT   |
| Xylene (Total) | 0.5 U    | 0.5 U    |

## **GLOSSARY OF DATA QUALIFIERS**

### **CODES RELATED TO IDENTIFICATION**

(confidence concerning presence or absence of compounds)

U = Not detected. The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unusable results. Analyte may or may not be present in the sample. Supporting data necessary to confirm.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

### **CODES RELATED TO QUANTITATION**

(can be used for both positive results and sample quantitation limits)

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

UJ = not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

### **OTHER CODES**

NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

Q = No analytical result.

U.S. Postal Service

**CERTIFIED MAIL RECEIPT**

*(Domestic Mail Only; No Insurance Coverage Provided)*

OFFICIAL USE

(b) (6)

Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site  
July 2005 Sampling of Residential Well, R

City, State, ZIP+4

7002 0510 0003 9019 1646

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

**October 31, 2005**

(b) (6)

Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site  
July 2005 Sampling of Residential Well, RW-4

Dear (b) (6)

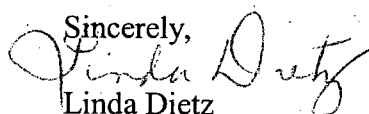
The purpose of this letter is to provide you with the results from the sampling of your home well on July 19, 2005. The water from your well is safe for drinking and any other use.

The water from your home was analyzed for a large list of potential chemicals which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs), metals, and radiological parameters. Attached is a table listing the chemicals that were analyzed and the results. If there is a U in the last column, this means that the chemical was **not** detected. A table explaining the other qualifiers is attached.

EPA has compared your results with MCLs, which are the maximum contaminant levels allowed in a public water supply and the results have also been reviewed by an EPA toxicologist. EPA has determined that your results are below MCLs. In general, only low levels of sporadic chemicals were detected and concentrations are not high enough to present a health threat.

EPA intends to sample the water from your home again this November to take into account seasonal variations and its impact on the groundwater.

If you have any questions about these results or other matters related to the Site, please call me at (215) 814-3195 or email me at [dietz.linda@epa.gov](mailto:dietz.linda@epa.gov). Thank you for your continued support during our sampling efforts.

Sincerely,  


Linda Dietz  
Remedial Project Manager  
Eastern Pennsylvania Remedial Section



DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                  |          |
|------------------|----------|
| Sample ID:       | RW4      |
| Sample Date:     | 07/19/06 |
| Duplicate:       |          |
|                  |          |
|                  | RESULT   |
| TOTAL INORGANICS | ug/L     |
| Antimony         | 2 U      |
| Arsenic          | 0.34 B   |
| Barium           | 31.4     |
| Beryllium        | 1 UL     |
| Cadmium          | 1 U      |
| Chromium         | 0.32 B   |
| Cobalt           | 0.062 B  |
| Copper           | 4.6      |
| Lead             | 0.074 J  |
| Manganese        | 0.3 B    |
| Mercury          | 0.2 UL   |
| Nickel           | 0.36 J   |
| Selenium         | 1.1 J    |
| Silver           | 1 U      |
| Thallium         | 1 U      |
| Vanadium         | 0.097 B  |
| Zinc             | 2.6 B    |
| Cyanide          | 10 UL    |
|                  |          |
| RADIOCHEMISTRY   | pci/L    |
| Alpha            | 0.98     |
| Beta             | 1.81     |
|                  |          |
| Am241            | 0.211    |
| Ba140            | 11.5 U   |
| Bi214            | 75.7 J   |
| Co60             | 2.17 U   |
| Cs137            | 3 U      |
| I131             | 4.06 U   |
| K40              | 21.1 U   |
| Pb210            | 675 U    |
| Pb212            | NA       |
| Pb214            | 78.6 J   |
| Ra226            | 69.8 U   |
| Ra228(gamma)     | 16.4 U   |
|                  |          |
| H3               | 480      |
|                  |          |
| Ra228            | 0.505    |
|                  |          |
| Sr89             | 0.441    |
| Sr90             | 0.351    |
|                  |          |
| Th227            | -0.0106  |
| Th228            | 0.0252   |
| Th230            | 0.264    |
| Th232            | 0        |

DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                              |          |
|------------------------------|----------|
| Sample ID:                   | RW4      |
| Sample Date:                 | 07/19/05 |
| Duplicate:                   |          |
|                              | RESULT   |
| SEMIVOLATILES                | ug/L     |
| 1,1'-Biphenyl                | 5 UL     |
| 1,2,4,5-Tetrachlorobenzene   | 5 U      |
| 2,2'-Oxybis(1-chloropropane) | 5 U      |
| 2,4,5-Trichlorophenol        | 20 U     |
| 2,4,6-Trichlorophenol        | 5 U      |
| 2,4-Dichlorophenol           | 5 U      |
| 2,4-Dimethylphenol           | 5 U      |
| 2,4-Dinitrophenol            | 20 U     |
| 2,4-Dinitrotoluene           | 5 U      |
| 2,6-Dinitrotoluene           | 5 U      |
| 2-Chloronaphthalene          | 5 U      |
| 2-Chlorophenol               | 5 U      |
| 2-Methylnaphthalene          | 5 U      |
| 2-Methylphenol               | 5 U      |
| 2-Nitroaniline               | 20 U     |
| 2-Nitrophenol                | 5 U      |
| 3,3'-Dichlorobenzidine       | 5 U      |
| 3-Nitroaniline               | 20 U     |
| 4,6-Dinitro-2-methylphenol   | 20 UL    |
| 4-Bromophenyl Phenyl Ether   | 5 U      |
| 4-Chloro-3-methylphenol      | 5 U      |
| 4-Chloroaniline              | 5 U      |
| 4-Chlorophenyl Phenyl Ether  | 5 U      |
| 4-Methylphenol               | 5 U      |
| 4-Nitroaniline               | 20 U     |
| 4-Nitrophenol                | 20 U     |
| Acenaphthene                 | 5 U      |
| Acenaphthylene               | 5 U      |
| Acetophenone                 | 5 U      |
| Anthracene                   | 5 U      |
| Atrazine                     | 5 U      |
| Benz(a)anthracene            | 5 U      |
| Benzaldehyde                 | 5 U      |
| Benzo(a)pyrene               | 5 U      |
| Benzo(b)fluoranthene         | 5 U      |
| Benzo(g,h,i)perylene         | 5 U      |
| Benzo(k)fluoranthene         | 5 U      |
| Bis(2-chloroethoxy)methane   | 5 U      |
| Bis(2-ethylhexyl)phthalate   | 1.2 J    |
| Bis-(2-chloroethyl) Ether    | 5 U      |
| Butylbenzylphthalate         | 5 UL     |
| Caprolactam                  | 5 UL     |
| Chrysene                     | 5 U      |
| Di-n-butylphthalate          | 5 UL     |
| Di-n-octylphthalate          | 5 UL     |
| Dibenz(a,h)anthracene        | 5 U      |
| Dibenzofuran                 | 5 U      |
| Diethylphthalate             | 5 UL     |
| Dimethylphthalate            | 5 UL     |



DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                            |          |
|----------------------------|----------|
| Sample ID:                 | RW4      |
| Sample Date:               | 07/19/05 |
| Duplicate:                 |          |
|                            |          |
|                            | RESULT   |
| Fluoranthene               | 5 U      |
| Fluorene                   | 5 U      |
| SEMIVOLATILES (Con't)      | ug/L     |
| Hexachlorobenzene          | 5 U      |
| Hexachlorobutadiene        | 5 U      |
| Hexachlorocyclopentadiene  | 5 U      |
| Hexachloroethane           | 5 U      |
| Indeno(1,2,3-cd)pyrene     | 5 U      |
| Isophorone                 | 5 U      |
| N-Nitroso-di-n-propylamine | 5 U      |
| N-Nitrosodiphenylamine (1) | 5 U      |
| Naphthalene                | 5 U      |
| Nitrobenzene               | 5 U      |
| Pentachlorophenol          | 5 U      |
| Phenanthrene               | 5 U      |
| Phenol                     | 5 U      |
| Pyrene                     | 5 U      |
|                            |          |
| PESTICIDES/PCBS            | ug/L     |
| 4,4'-DDD                   | 0.02 U   |
| 4,4'-DDE                   | 0.02 U   |
| 4,4'-DDT                   | 0.02 U   |
| Aldrin                     | 0.01 U   |
| Alpha-BHC                  | 0.01 U   |
| Alpha-Chlordane            | 0.01 U   |
| Beta-BHC                   | 0.01 U   |
| Delta-BHC                  | 0.01 U   |
| Dieldrin                   | 0.02 U   |
| Endosulfan I               | 0.01 U   |
| Endosulfan II              | 0.02 U   |
| Endosulfan Sulfate         | 0.02 U   |
| Endrin                     | 0.02 U   |
| Endrin Aldehyde            | 0.02 U   |
| Endrin Ketone              | 0.02 U   |
| Gamma-BHC (Lindane)        | 0.01 U   |
| Gamma-Chlordane            | 0.01 U   |
| Heptachlor                 | 0.01 U   |
| Heptachlor Epoxide         | 0.01 U   |
| Methoxychlor               | 0.1 U    |
| Toxaphene                  | 1 U      |
| Aroclor-1016               | 0.2 U    |
| Aroclor-1221               | 0.4 U    |
| Aroclor-1232               | 0.2 U    |
| Aroclor-1242               | 0.2 U    |
| Aroclor-1248               | 0.2 U    |
| Aroclor-1254               | 0.2 U    |
| Aroclor-1260               | 0.2 U    |

## DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                                       |             |
|---------------------------------------|-------------|
| Sample ID:                            | RW4         |
| Sample Date:                          | 07/19/06    |
| Duplicate:                            |             |
|                                       | RESULT      |
| <b>VOLATILES</b>                      | <b>ug/L</b> |
| 1,1,1-Trichloroethane                 | 0.5 U       |
| 1,1,2,2-Tetrachloroethane             | 0.5 U       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.5 U       |
| 1,1,2-Trichloroethane                 | 0.5 U       |
| 1,1-Dichloroethane                    | 0.5 U       |
| 1,1-Dichloroethene                    | 0.5 U       |
| 1,2,3-Trichlorobenzene                | 0.5 U       |
| 1,2,4-Trichlorobenzene                | 0.5 U       |
| 1,2-Dibromo-3-chloropropane           | 0.5 U       |
| 1,2-Dibromoethane                     | 0.5 U       |
| 1,2-Dichlorobenzene                   | 0.5 U       |
| 1,2-Dichloroethane                    | 0.5 U       |
| 1,2-Dichloroethene (cis)              | 0.5 U       |
| 1,2-Dichloroethene (trans)            | 0.5 U       |
| 1,2-Dichloropropane                   | 0.5 U       |
| 1,3-Dichlorobenzene                   | 0.5 U       |
| 1,4-Dichlorobenzene                   | 0.5 U       |
| 2-Butanone                            | 5 U         |
| 2-Hexanone                            | 5 U         |
| 4-Methyl-2-pentanone                  | 5 U         |
| Acetone                               | 2 B         |
| Benzene                               | 0.5 U       |
| Bromochloromethane                    | 0.5 U       |
| Bromodichloromethane                  | 0.5 U       |
| Bromoform                             | 0.5 U       |
| Bromomethane                          | 0.5 U       |
| Carbon Disulfide                      | 0.5 U       |
| Carbon Tetrachloride                  | 0.5 U       |
| Chlorobenzene                         | 0.5 U       |
| Chloroethane                          | 0.5 U       |
| Chloroform                            | 0.5 U       |
| Chloromethane                         | 0.5 U       |
| cis-1,3-Dichloropropene               | 0.5 U       |
| Cyclohexane                           | 0.5 U       |
| Dibromochloromethane                  | 0.5 U       |
| Dichlorodifluoromethane               | 0.5 UJ      |
| Ethylbenzene                          | 0.5 U       |
| Isopropylbenzene                      | 0.5 U       |
| Methyl Acetate                        | 0.5 U       |
| Methyl Tert-butyl Ether               | 0.5 U       |
| Methylcyclohexane                     | 0.5 U       |
| Methylene Chloride                    | 0.36 B      |
| Styrene                               | 0.5 U       |
| Tetrachloroethene                     | 0.5 U       |
| Toluene                               | 0.5 U       |
| trans-1,3-Dichloropropene             | 0.5 U       |
| Trichloroethene                       | 0.5 U       |
| Trichlorofluoromethane                | 0.39 J      |
| Vinyl Chloride                        | 0.5 U       |

DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                |          |
|----------------|----------|
| Sample ID:     | RW4      |
| Sample Date:   | 07/19/06 |
| Duplicate:     |          |
|                |          |
|                | RESULT   |
| Xylene (Total) | 0.5 U    |

## **GLOSSARY OF DATA QUALIFIERS**

### **CODES RELATED TO IDENTIFICATION**

(confidence concerning presence or absence of compounds)

U = Not detected. The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unusable results. Analyte may or may not be present in the sample. Supporting data necessary to confirm.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

### **CODES RELATED TO QUANTITATION**

(can be used for both positive results and sample quantitation limits)

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

UJ = not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

### **OTHER CODES**

NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

Q = No analytical result.

(Domestic Mail Only; No Insurance Coverage Provided)

(b) (6)

Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site  
July 2005 Sampling of Residential Well, R

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7-5

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**IMPORTANT: Save this receipt and present it when making an inquiry.**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

October 31, 2005

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

(b) (6)

Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site  
July 2005 Sampling of Residential Well, RW-5

Dear (b) (6)

The purpose of this letter is to provide you with the results from the sampling of your home well on July 19, 2005. The water from your well is safe for drinking and any other use.

The water from your home was analyzed for a large list of potential chemicals which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs), metals, and radiological parameters. Attached is list of compounds that were analyzed and their results. If there is a U in the last column, this means that the chemical was **not** detected. A table explaining the other qualifiers is attached.

EPA has compared your results with MCLs, which are the maximum contaminant levels allowed in a public water supply and the results have also been reviewed by an EPA toxicologist. EPA has determined that your results are below MCLs. In general, only low levels of sporadic chemicals were detected and concentrations are not high enough to present a health threat.

EPA intends to sample the water from your home again this June to take into account seasonal variations and its impact on the groundwater. If you have any questions about these results or other matters related to the Site, please call me at (215) 814-3195 or email me at dietz.linda@epa.gov. Thank you for your continued support during our sampling efforts.

Sincerely,

Linda Dietz

Remedial Project Manager

Eastern Pennsylvania Remedial Section



DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                  |          |    |
|------------------|----------|----|
| Sample ID:       | RW5      |    |
| Sample Date:     | 07/19/05 |    |
| Duplicate:       |          |    |
|                  |          |    |
|                  | RESULT   |    |
| TOTAL INORGANICS | ug/L     |    |
| Antimony         | 2        | U  |
| Arsenic          | 0.4      | B  |
| Barium           | 39.9     |    |
| Beryllium        | 1        | UL |
| Cadmium          | 1        | U  |
| Chromium         | 0.2      | B  |
| Cobalt           | 0.076    | B  |
| Copper           | 179      |    |
| Lead             | 1        | J  |
| Manganese        | 1.5      |    |
| Mercury          | 0.2      | UL |
| Nickel           | 0.42     | J  |
| Selenium         | 0.86     | J  |
| Silver           | 1        | U  |
| Thallium         | 1        | U  |
| Vanadium         | 0.11     | B  |
| Zinc             | 8.9      |    |
| Cyanide          | 10       | UL |
|                  |          |    |
| RADIOCHEMISTRY   | pci/L    |    |
| Alpha            | 0.0801   |    |
| Beta             | 2.44     |    |
|                  |          |    |
| Am241            | 0.0339   |    |
| Ba140            | 11.9     | U  |
| Bi214            | 44       | J  |
| Co60             | 2.11     | U  |
| Cs137            | 3.12     | U  |
| I131             | 4.21     | U  |
| K40              | 22.2     | U  |
| Pb210            | 600      | U  |
| Pb212            | NA       |    |
| Pb214            | 46.4     | J  |
| Ra226            | 64.5     | U  |
| Ra228(gamma)     | 14.6     | U  |
|                  |          |    |
| H3               | 340      |    |
|                  |          |    |
| Ra228            | 0.997    |    |
|                  |          |    |
| Sr89             | 0.491    |    |
| Sr90             | -0.0888  |    |
|                  |          |    |
| Th227            | -0.0158  |    |
| Th228            | 0.00296  |    |
| Th230            | 0.00445  |    |
| Th232            | 0        |    |
|                  |          |    |



DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                              |          |
|------------------------------|----------|
| Sample ID:                   | RW5      |
| Sample Date:                 | 07/19/05 |
| Duplicate:                   |          |
|                              |          |
|                              | RESULT   |
| SEMIVOLATILES                | ug/L     |
| 1,1'-Biphenyl                | 5 U      |
| 1,2,4,5-Tetrachlorobenzene   | 5 U      |
| 2,2'-Oxybis(1-chloropropane) | 5 U      |
| 2,4,5-Trichlorophenol        | 20 U     |
| 2,4,6-Trichlorophenol        | 5 U      |
| 2,4-Dichlorophenol           | 5 U      |
| 2,4-Dimethylphenol           | 5 U      |
| 2,4-Dinitrophenol            | 20 U     |
| 2,4-Dinitrotoluene           | 5 U      |
| 2,6-Dinitrotoluene           | 5 U      |
| 2-Chloronaphthalene          | 5 U      |
| 2-Chlorophenol               | 5 U      |
| 2-Methylnaphthalene          | 5 U      |
| 2-Methylphenol               | 5 U      |
| 2-Nitroaniline               | 20 U     |
| 2-Nitrophenol                | 5 U      |
| 3,3'-Dichlorobenzidine       | 5 U      |
| 3-Nitroaniline               | 20 U     |
| 4,6-Dinitro-2-methylphenol   | 20 U     |
| 4-Bromophenyl Phenyl Ether   | 5 U      |
| 4-Chloro-3-methylphenol      | 5 U      |
| 4-Chloroaniline              | 5 U      |
| 4-Chlorophenyl Phenyl Ether  | 5 U      |
| 4-Methylphenol               | 5 U      |
| 4-Nitroaniline               | 20 U     |
| 4-Nitrophenol                | 20 U     |
| Acenaphthene                 | 5 U      |
| Acenaphthylene               | 5 U      |
| Acetophenone                 | 5 U      |
| Anthracene                   | 5 U      |
| Atrazine                     | 5 U      |
| Benz(a)anthracene            | 5 U      |
| Benzaldehyde                 | 5 U      |
| Benzo(a)pyrene               | 5 U      |
| Benzo(b)fluoranthene         | 5 U      |
| Benzo(g,h,i)perylene         | 5 U      |
| Benzo(k)fluoranthene         | 5 U      |
| Bis(2-chloroethoxy)methane   | 5 U      |
| Bis(2-ethylhexyl)phthalate   | 5 U      |
| Bis-(2-chloroethyl) Ether    | 5 U      |
| Butylbenzylphthalate         | 5 U      |
| Caprolactam                  | 5 U      |
| Chrysene                     | 5 U      |
| Di-n-butylphthalate          | 5 U      |
| Di-n-octylphthalate          | 5 U      |
| Dibenz(a,h)anthracene        | 5 U      |
| Dibenzofuran                 | 5 U      |
| Diethylphthalate             | 5 U      |
| Dimethylphthalate            | 5 U      |

DATA (b) (6)

, PENNSYLVANIA

|                            |          |
|----------------------------|----------|
| Sample ID:                 | RW6      |
| Sample Date:               | 07/19/05 |
| Duplicate:                 |          |
|                            |          |
|                            | RESULT   |
| Fluoranthene               | 5 U      |
| Fluorene                   | 5 U      |
| SEMIVOLATILES (Con't)      | ug/L     |
| Hexachlorobenzene          | 5 U      |
| Hexachlorobutadiene        | 5 U      |
| Hexachlorocyclopentadiene  | 5 U      |
| Hexachloroethane           | 5 U      |
| Indeno(1,2,3-cd)pyrene     | 5 U      |
| Isophorone                 | 5 U      |
| N-Nitroso-di-n-propylamine | 5 U      |
| N-Nitrosodiphenylamine (1) | 5 U      |
| Naphthalene                | 5 U      |
| Nitrobenzene               | 5 U      |
| Pentachlorophenol          | 5 U      |
| Phenanthrene               | 5 U      |
| Phenol                     | 5 U      |
| Pyrene                     | 5 U      |
|                            |          |
| PESTICIDES/PCBS            | ug/L     |
| 4,4'-DDD                   | 0.02 U   |
| 4,4'-DDE                   | 0.02 U   |
| 4,4'-DDT                   | 0.02 U   |
| Aldrin                     | 0.01 U   |
| Alpha-BHC                  | 0.01 U   |
| Alpha-Chlordane            | 0.01 U   |
| Beta-BHC                   | 0.01 U   |
| Delta-BHC                  | 0.01 U   |
| Dieldrin                   | 0.02 U   |
| Endosulfan I               | 0.01 U   |
| Endosulfan II              | 0.02 U   |
| Endosulfan Sulfate         | 0.02 U   |
| Endrin                     | 0.02 U   |
| Endrin Aldehyde            | 0.02 U   |
| Endrin Ketone              | 0.02 U   |
| Gamma-BHC (Lindane)        | 0.01 U   |
| Gamma-Chlordane            | 0.01 U   |
| Heptachlor                 | 0.01 U   |
| Heptachlor Epoxide         | 0.01 U   |
| Methoxychlor               | 0.1 U    |
| Toxaphene                  | 1 U      |
| Aroclor-1016               | 0.2 U    |
| Aroclor-1221               | 0.4 U    |
| Aroclor-1232               | 0.2 U    |
| Aroclor-1242               | 0.2 U    |
| Aroclor-1248               | 0.2 U    |
| Aroclor-1254               | 0.2 U    |
| Aroclor-1260               | 0.2 U    |

## DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                                       |          |
|---------------------------------------|----------|
| Sample ID:                            | RW5      |
| Sample Date:                          | 07/19/06 |
| Duplicate:                            |          |
|                                       | RESULT   |
| VOLATILES                             | ug/L     |
| 1,1,1-Trichloroethane                 | 0.5 U    |
| 1,1,2,2-Tetrachloroethane             | 0.5 U    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.5 U    |
| 1,1,2-Trichloroethane                 | 0.5 U    |
| 1,1-Dichloroethane                    | 0.5 U    |
| 1,1-Dichloroethene                    | 0.5 U    |
| 1,2,3-Trichlorobenzene                | 0.5 U    |
| 1,2,4-Trichlorobenzene                | 0.5 U    |
| 1,2-Dibromo-3-chloropropane           | 0.5 U    |
| 1,2-Dibromoethane                     | 0.5 U    |
| 1,2-Dichlorobenzene                   | 0.5 U    |
| 1,2-Dichloroethane                    | 0.5 U    |
| 1,2-Dichloroethene (cis)              | 0.5 U    |
| 1,2-Dichloroethene (trans)            | 0.5 U    |
| 1,2-Dichloropropane                   | 0.5 U    |
| 1,3-Dichlorobenzene                   | 0.5 U    |
| 1,4-Dichlorobenzene                   | 0.5 U    |
| 2-Butanone                            | 5 U      |
| 2-Hexanone                            | 5 U      |
| 4-Methyl-2-pentanone                  | 5 U      |
| Acetone                               | 2.3 B    |
| Benzene                               | 0.5 U    |
| Bromochloromethane                    | 0.5 U    |
| Bromodichloromethane                  | 0.5 U    |
| Bromoform                             | 0.5 U    |
| Bromomethane                          | 0.5 U    |
| Carbon Disulfide                      | 0.5 U    |
| Carbon Tetrachloride                  | 0.5 U    |
| Chlorobenzene                         | 0.5 U    |
| Chloroethane                          | 0.5 U    |
| Chloroform                            | 0.73     |
| Chloromethane                         | 0.5 U    |
| cis-1,3-Dichloropropene               | 0.5 U    |
| Cyclohexane                           | 0.5 U    |
| Dibromochloromethane                  | 0.5 U    |
| Dichlorodifluoromethane               | 0.5 UJ   |
| Ethylbenzene                          | 0.5 U    |
| Isopropylbenzene                      | 0.5 U    |
| Methyl Acetate                        | 0.5 U    |
| Methyl Tert-butyl Ether               | 0.5 U    |
| Methylcyclohexane                     | 0.5 U    |
| Methylene Chloride                    | 0.38 B   |
| Styrene                               | 0.5 U    |
| Tetrachloroethene                     | 0.5 U    |
| Toluene                               | 0.5 U    |
| trans-1,3-Dichloropropene             | 0.5 U    |
| Trichloroethene                       | 0.5 U    |
| Trichlorofluoromethane                | 0.5 J    |
| Vinyl Chloride                        | 0.5 U    |

DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                |          |
|----------------|----------|
| Sample ID:     | RW5      |
| Sample Date:   | 07/19/05 |
| Duplicate:     |          |
|                |          |
|                | RESULT   |
| Xylene (Total) | 0.5 U    |

## **GLOSSARY OF DATA QUALIFIERS**

### **CODES RELATED TO IDENTIFICATION**

(confidence concerning presence or absence of compounds)

U = Not detected. The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unusable results. Analyte may or may not be present in the sample. Supporting data necessary to confirm.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

### **CODES RELATED TO QUANTITATION**

(can be used for both positive results and sample quantitation limits)

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

UJ = not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

### **OTHER CODES**

NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

Q = No analytical result.

7002 0510 0000 9019 1622

**CERTIFIED MAIL RECEIPT**  
(Domestic Mail Only; No Insurance Coverage Provided)

(b) (6)

Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site  
July 2005 Sampling of Residential Well, R

Sent To

Street, Apt. No.;  
or PO Box No.

City, State, ZIP+4

**Certified Mail Receipt**

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of delivery kept by the Postal Service for two years

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For an additional fee, a *Return Receipt* may be requested to provide proof of delivery. To obtain Return Receipt service, please complete and attach a Return Receipt (PS Form 3811) to the article and add applicable postage to cover the return mailpiece "Return Receipt Requested". To receive a fee waiver for the return receipt, a USPS postmark on your Certified Mail receipt is

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**IMPORTANT: Save this receipt and present it when making an inquiry.**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

**October 31, 2005**

(b) (6)

Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site  
July 2005 Sampling of Residential Well, RW-6

Dear (b) (6)

The purpose of this letter is to provide you with the results from the sampling of your home well on July 19, 2005. The water from your well is safe for drinking and any other use.

The water from your home was analyzed for a large list of potential chemicals which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs), metals, and radiological parameters. Attached is a list of the chemicals that were analyzed and the results. If there is a U in the last column, this means that the chemical was **not** detected. A table explaining the other qualifiers is attached.

EPA has compared your results with MCLs, which are the maximum contaminant levels allowed in a public water supply and the results have also been reviewed by an EPA toxicologist. EPA has determined that your results are below MCLs. In general, only low levels of sporadic chemicals were detected. However, concentrations are not high enough to present a health threat.

EPA intends to sample the water from your home again this November to take into account seasonal variations and its impact on the groundwater. If you have any questions about these results or other matters related to the Site, please call me at (215) 814-3195 or email me at [dietz.linda@epa.gov](mailto:dietz.linda@epa.gov). Thank you for your continued support during our sampling efforts.

Sincerely,

A handwritten signature in cursive script that reads "Linda Dietz".

Linda Dietz

Remedial Project Manager  
Eastern Pennsylvania Remedial Section





## DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                  |          |
|------------------|----------|
| Sample ID:       | RW6      |
| Sample Date:     | 07/19/05 |
| Duplicate:       |          |
|                  |          |
|                  | RESULT   |
| TOTAL INORGANICS | ug/L     |
| Antimony         | 2 U      |
| Arsenic          | 0.27 B   |
| Barium           | 35       |
| Beryllium        | 1 UL     |
| Cadmium          | 1 U      |
| Chromium         | 0.16 B   |
| Cobalt           | 0.1 B    |
| Copper           | 282      |
| Lead             | 0.53 J   |
| Manganese        | 0.97 J   |
| Mercury          | 0.2 UL   |
| Nickel           | 0.44 J   |
| Selenium         | 5 U      |
| Silver           | 0.032 B  |
| Thallium         | 1 U      |
| Vanadium         | 0.085 B  |
| Zinc             | 4.6      |
| Cyanide          | 10 UL    |
|                  |          |
| RADIOCHEMISTRY   | pci/L    |
| Alpha            | -0.0259  |
| Beta             | 2.35     |
|                  |          |
| Am241            | 0.0174   |
| Ba140            | 11.7 U   |
| Bi214            | 57.9 J   |
| Co60             | 2.17 U   |
| Cs137            | 3.09 U   |
| I131             | 4.25 U   |
| K40              | 10.2     |
| Pb210            | 655 U    |
| Pb212            | NA       |
| Pb214            | 66.9 J   |
| Ra226            | 67.4 U   |
| Ra228(gamma)     | 16.7 U   |
|                  |          |
| H3               | 280      |
|                  |          |
| Ra228            | 0.773    |
|                  |          |
| Sr89             | -0.22    |
| Sr90             | 0.499    |
|                  |          |
| Th227            | -0.013   |
| Th228            | 0.0218   |
| Th230            | 0.0233   |
| Th232            | 0.0102   |

## DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                              |          |
|------------------------------|----------|
| Sample ID:                   | RW8      |
| Sample Date:                 | 07/19/05 |
| Duplicate:                   |          |
|                              |          |
|                              | RESULT   |
| SEMIVOLATILES                | ug/L     |
| 1,1'-Biphenyl                | 5 U      |
| 1,2,4,5-Tetrachlorobenzene   | 5 U      |
| 2,2'-Oxybis(1-chloropropane) | 5 U      |
| 2,4,5-Trichlorophenol        | 20 U     |
| 2,4,6-Trichlorophenol        | 5 U      |
| 2,4-Dichlorophenol           | 5 U      |
| 2,4-Dimethylphenol           | 5 U      |
| 2,4-Dinitrophenol            | 20 U     |
| 2,4-Dinitrotoluene           | 5 U      |
| 2,6-Dinitrotoluene           | 5 U      |
| 2-Chloronaphthalene          | 5 U      |
| 2-Chlorophenol               | 5 U      |
| 2-Methylnaphthalene          | 5 U      |
| 2-Methylphenol               | 5 U      |
| 2-Nitroaniline               | 20 U     |
| 2-Nitrophenol                | 5 U      |
| 3,3'-Dichlorobenzidine       | 5 U      |
| 3-Nitroaniline               | 20 U     |
| 4,6-Dinitro-2-methylphenol   | 20 UL    |
| 4-Bromophenyl Phenyl Ether   | 5 U      |
| 4-Chloro-3-methylphenol      | 5 U      |
| 4-Chloroaniline              | 5 U      |
| 4-Chlorophenyl Phenyl Ether  | 5 U      |
| 4-Methylphenol               | 5 U      |
| 4-Nitroaniline               | 20 U     |
| 4-Nitrophenol                | 20 U     |
| Acenaphthene                 | 5 U      |
| Acenaphthylene               | 5 U      |
| Acetophenone                 | 5 U      |
| Anthracene                   | 5 U      |
| Atrazine                     | 5 U      |
| Benz(a)anthracene            | 5 U      |
| Benzaldehyde                 | 5 U      |
| Benzo(a)pyrene               | 5 U      |
| Benzo(b)fluoranthene         | 5 U      |
| Benzo(g,h,i)perylene         | 5 U      |
| Benzo(k)fluoranthene         | 5 U      |
| Bis(2-chloroethoxy)methane   | 5 U      |
| Bis(2-ethylhexyl)phthalate   | 2.4 J    |
| Bis-(2-chloroethyl) Ether    | 5 U      |
| Butylbenzylphthalate         | 5 U      |
| Caprolactam                  | 5 U      |
| Chrysene                     | 5 U      |
| Di-n-butylphthalate          | 1.1 J    |
| Di-n-octylphthalate          | 5 U      |
| Dibenz(a,h)anthracene        | 5 U      |
| Dibenzofuran                 | 5 U      |
| Diethylphthalate             | 5 U      |
| Dimethylphthalate            | 5 U      |
| Fluoranthene                 | 5 U      |
| Fluorene                     | 5 U      |
| SEMIVOLATILES (Con't)        | ug/L     |

## DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                            |          |
|----------------------------|----------|
| Sample ID:                 | RW6      |
| Sample Date:               | 07/19/05 |
| Duplicate:                 |          |
|                            |          |
|                            | RESULT   |
| Hexachlorobenzene          | 5 U      |
| Hexachlorobutadiene        | 5 U      |
| Hexachlorocyclopentadiene  | 5 U      |
| Hexachloroethane           | 5 U      |
| Indeno(1,2,3-cd)pyrene     | 5 U      |
| Isophorone                 | 5 U      |
| N-Nitroso-di-n-propylamine | 5 U      |
| N-Nitrosodiphenylamine (1) | 5 U      |
| Naphthalene                | 5 U      |
| Nitrobenzene               | 5 U      |
| Pentachlorophenol          | 5 U      |
| Phenanthrene               | 5 U      |
| Phenol                     | 5 U      |
| Pyrene                     | 5 U      |
|                            |          |
| PESTICIDES/PCBS            | ug/L     |
| 4,4'-DDD                   | 0.02 U   |
| 4,4'-DDE                   | 0.02 U   |
| 4,4'-DDT                   | 0.02 U   |
| Aldrin                     | 0.01 U   |
| Alpha-BHC                  | 0.01 U   |
| Alpha-Chlordane            | 0.01 U   |
| Beta-BHC                   | 0.01 U   |
| Delta-BHC                  | 0.01 U   |
| Dieldrin                   | 0.02 U   |
| Endosulfan I               | 0.01 U   |
| Endosulfan II              | 0.02 U   |
| Endosulfan Sulfate         | 0.02 U   |
| Endrin                     | 0.02 U   |
| Endrin Aldehyde            | 0.02 U   |
| Endrin Ketone              | 0.02 U   |
| Gamma-BHC (Lindane)        | 0.01 U   |
| Gamma-Chlordane            | 0.01 U   |
| Heptachlor                 | 0.01 U   |
| Heptachlor Epoxide         | 0.01 U   |
| Methoxychlor               | 0.1 U    |
| Toxaphene                  | 1 U      |
| Aroclor-1016               | 0.2 U    |
| Aroclor-1221               | 0.4 U    |
| Aroclor-1232               | 0.2 U    |
| Aroclor-1242               | 0.2 U    |
| Aroclor-1248               | 0.2 U    |
| Aroclor-1254               | 0.2 U    |
| Aroclor-1260               | 0.2 U    |

## DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                                       |             |
|---------------------------------------|-------------|
| Sample ID:                            | RW6         |
| Sample Date:                          | 07/19/05    |
| Duplicate:                            |             |
|                                       | RESULT      |
| <b>VOLATILES</b>                      | <b>ug/L</b> |
| 1,1,1-Trichloroethane                 | 0.5 U       |
| 1,1,2,2-Tetrachloroethane             | 0.5 U       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.5 U       |
| 1,1,2-Trichloroethane                 | 0.5 U       |
| 1,1-Dichloroethane                    | 0.5 U       |
| 1,1-Dichloroethene                    | 0.5 U       |
| 1,2,3-Trichlorobenzene                | 0.5 U       |
| 1,2,4-Trichlorobenzene                | 0.5 U       |
| 1,2-Dibromo-3-chloropropane           | 0.5 U       |
| 1,2-Dibromoethane                     | 0.5 U       |
| 1,2-Dichlorobenzene                   | 0.5 U       |
| 1,2-Dichloroethane                    | 0.5 U       |
| 1,2-Dichloroethene (cis)              | 0.5 U       |
| 1,2-Dichloroethene (trans)            | 0.5 U       |
| 1,2-Dichloropropane                   | 0.5 U       |
| 1,3-Dichlorobenzene                   | 0.5 U       |
| 1,4-Dichlorobenzene                   | 0.5 U       |
| 2-Butanone                            | 5 U         |
| 2-Hexanone                            | 5 U         |
| 4-Methyl-2-pentanone                  | 5 U         |
| Acetone                               | 2.5 B       |
| Benzene                               | 0.5 U       |
| Bromochloromethane                    | 0.5 U       |
| Bromodichloromethane                  | 0.5 U       |
| Bromoform                             | 0.5 U       |
| Bromomethane                          | 0.5 U       |
| Carbon Disulfide                      | 0.5 U       |
| Carbon Tetrachloride                  | 0.5 U       |
| Chlorobenzene                         | 0.5 U       |
| Chloroethane                          | 0.5 U       |
| Chloroform                            | 0.5 U       |
| Chloromethane                         | 0.5 U       |
| cis-1,3-Dichloropropene               | 0.5 U       |
| Cyclohexane                           | 0.5 U       |
| Dibromochloromethane                  | 0.5 U       |
| Dichlorodifluoromethane               | 0.5 UJ      |
| Ethylbenzene                          | 0.5 U       |
| Isopropylbenzene                      | 0.5 U       |
| Methyl Acetate                        | 0.5 U       |
| Methyl Tert-butyl Ether               | 0.5 U       |
| Methylcyclohexane                     | 0.5 U       |
| Methylene Chloride                    | 0.34 B      |
| Styrene                               | 0.5 U       |
| Tetrachloroethene                     | 0.5 U       |
| Toluene                               | 0.5 U       |
| trans-1,3-Dichloropropene             | 0.5 U       |
| Trichloroethene                       | 0.5 U       |
| Trichlorofluoromethane                | 0.37 J      |
| Vinyl Chloride                        | 0.5 U       |
| Xylene (Total)                        | 0.5 U       |

## **GLOSSARY OF DATA QUALIFIERS**

### **CODES RELATED TO IDENTIFICATION**

(confidence concerning presence or absence of compounds)

U = Not detected. The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unusable results. Analyte may or may not be present in the sample. Supporting data necessary to confirm.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

### **CODES RELATED TO QUANTITATION**

(can be used for both positive results and sample quantitation limits)

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

UJ = not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

### **OTHER CODES**

NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

Q = No analytical result.

# CERTIFIED MAIL RECEIPT

*(Domestic Mail Only; No Insurance Coverage Provided)*

(b) (6)

Bloomsburg, PA 17815

F  
(Endo

Rest  
(Endo

Total

Sent To

Street, Apt. No.;  
or PO Box No.

City, State, ZIP+4

Re: Safety Light Corporation Superfund Site  
July 2005 Sampling of Residential Well, R

7002 0510 0003 9019 1592

## Certified Mail Provides:

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- ☐ A unique identifier for your mailpiece
- ☐ A signature upon delivery

Record of delivery kept by the Postal Service for two years

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**IMPORTANT: Save this receipt and present it when making an inquiry.**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

October 31, 2005

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

(b) (6)

Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site  
July 2005 Sampling of Residential Well, RW-10

Dear (b) (6)

The purpose of this letter is to provide you with the results from the sampling of your home well on July 19, 2005. The water from your well is safe for drinking and any other use.

The water from your home was analyzed for a large list of potential chemicals which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs), metals, and radiological parameters. If there is a U in the last column, this means that the chemical was **not** detected. A table explaining the other qualifiers is attached.

EPA has compared your results with MCLs, which are the maximum contaminant levels allowed in a public water supply and the results have also been reviewed by an EPA toxicologist. EPA has determined that your results are below MCLs. In general, only low levels of sporadic metals were detected. However, concentrations are not high enough to present a health threat.

EPA intends to sample the water from your home again this November to take into account seasonal variations and its impact on the groundwater. If you have any questions about these results or other matters related to the Site, please call me at (215) 814-3195 or email me at dietz.linda@epa.gov. Thank you for your continued support during our sampling efforts.

Sincerely,

Linda Dietz

Remedial Project Manager

Eastern Pennsylvania Remedial Section

cc: Andy Frebowicz, TTNUS without enclosures





## DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                  |          |
|------------------|----------|
| Sample ID:       | RW10     |
| Sample Date:     | 07/19/05 |
| Duplicate:       |          |
|                  |          |
|                  | RESULT   |
| TOTAL INORGANICS | ug/L     |
| Antimony         | 2 U      |
| Arsenic          | 0.28 B   |
| Barium           | 229      |
| Beryllium        | 1 UL     |
| Cadmium          | 1 U      |
| Chromium         | 0.074 B  |
| Cobalt           | 0.47 J   |
| Copper           | 33.2     |
| Lead             | 0.18 J   |
| Manganese        | 183      |
| Mercury          | 0.2 UL   |
| Nickel           | 2.5      |
| Selenium         | 5 U      |
| Silver           | 1 U      |
| Thallium         | 1 U      |
| Vanadium         | 0.063 B  |
| Zinc             | 6.5      |
| Cyanide          | 10 UL    |
|                  |          |
| RADIOCHEMISTRY   | pci/L    |
| Alpha            | 0.919    |
| Beta             | 2.54     |
|                  |          |
| Am241            | -0.0315  |
| Ba140            | 10.7 U   |
| Bi214            | NA       |
| Co60             | 1.84 U   |
| Cs137            | 2.39 U   |
| I131             | 3.74 U   |
| K40              | 20.5 U   |
| Pb210            | 570 U    |
| Pb212            | NA       |
| Pb214            | 10.1 J   |
| Ra226            | 60.8 U   |
| Ra228(gamma)     | 13.1 U   |
|                  |          |
| H3               | 370      |
|                  |          |
| Ra228            | 0.0503   |
|                  |          |
| Sr89             | 0.723    |
| Sr90             | -0.341   |
|                  |          |
| Th227            | 0.0221   |
| Th228            | 0.0254   |
| Th230            | 0.015    |
| Th232            | 0.00448  |
|                  |          |

DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                              |          |
|------------------------------|----------|
| Sample ID:                   | RW10     |
| Sample Date:                 | 07/19/05 |
| Duplicate:                   |          |
|                              |          |
|                              | RESULT   |
| SEMIVOLATILES                | ug/L     |
| 1,1'-Biphenyl                | 5 U      |
| 1,2,4,5-Tetrachlorobenzene   | 5 U      |
| 2,2'-Oxybis(1-chloropropane) | 5 U      |
| 2,4,5-Trichlorophenol        | 20 U     |
| 2,4,6-Trichlorophenol        | 5 U      |
| 2,4-Dichlorophenol           | 5 U      |
| 2,4-Dimethylphenol           | 5 U      |
| 2,4-Dinitrophenol            | 20 U     |
| 2,4-Dinitrotoluene           | 5 U      |
| 2,6-Dinitrotoluene           | 5 U      |
| 2-Chloronaphthalene          | 5 U      |
| 2-Chlorophenol               | 5 U      |
| 2-Methylnaphthalene          | 5 U      |
| 2-Methylphenol               | 5 U      |
| 2-Nitroaniline               | 20 U     |
| 2-Nitrophenol                | 5 U      |
| 3,3'-Dichlorobenzidine       | 5 U      |
| 3-Nitroaniline               | 20 U     |
| 4,6-Dinitro-2-methylphenol   | 20 U     |
| 4-Bromophenyl Phenyl Ether   | 5 U      |
| 4-Chloro-3-methylphenol      | 5 U      |
| 4-Chloroaniline              | 5 U      |
| 4-Chlorophenyl Phenyl Ether  | 5 U      |
| 4-Methylphenol               | 5 U      |
| 4-Nitroaniline               | 20 U     |
| 4-Nitrophenol                | 20 U     |
| Acenaphthene                 | 5 U      |
| Acenaphthylene               | 5 U      |
| Acetophenone                 | 5 U      |
| Anthracene                   | 5 U      |
| Atrazine                     | 5 U      |
| Benz(a)anthracene            | 5 U      |
| Benzaldehyde                 | 5 U      |
| Benzo(a)pyrene               | 5 U      |
| Benzo(b)fluoranthene         | 5 U      |
| Benzo(g,h,i)perylene         | 5 U      |
| Benzo(k)fluoranthene         | 5 U      |
| Bis(2-chloroethoxy)methane   | 5 U      |
| Bis(2-ethylhexyl)phthalate   | 5 U      |
| Bis-(2-chloroethyl) Ether    | 5 U      |
| Butylbenzylphthalate         | 5 U      |
| Caprolactam                  | 5 U      |
| Chrysene                     | 5 U      |
| Di-n-butylphthalate          | 5 U      |
| Di-n-octylphthalate          | 5 U      |
| Dibenz(a,h)anthracene        | 5 U      |
| Dibenzofuran                 | 5 U      |
| Diethylphthalate             | 5 U      |
| Dimethylphthalate            | 5 U      |
| Fluoranthene                 | 5 U      |
| Fluorene                     | 5 U      |
| SEMIVOLATILES (Con't)        | ug/L     |

## DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                            |          |  |
|----------------------------|----------|--|
| Sample ID:                 | RW10     |  |
| Sample Date:               | 07/19/05 |  |
| Duplicate:                 |          |  |
|                            |          |  |
|                            | RESULT   |  |
| Hexachlorobenzene          | 5 U      |  |
| Hexachlorobutadiene        | 5 U      |  |
| Hexachlorocyclopentadiene  | 5 U      |  |
| Hexachloroethane           | 5 U      |  |
| Indeno(1,2,3-cd)pyrene     | 5 U      |  |
| Isophorone                 | 5 U      |  |
| N-Nitroso-di-n-propylamine | 5 U      |  |
| N-Nitrosodiphenylamine (1) | 5 U      |  |
| Naphthalene                | 5 U      |  |
| Nitrobenzene               | 5 U      |  |
| Pentachlorophenol          | 5 U      |  |
| Phenanthrene               | 5 U      |  |
| Phenol                     | 5 U      |  |
| Pyrene                     | 5 U      |  |
|                            |          |  |
| PESTICIDES/PCBS            | ug/L     |  |
| 4,4'-DDD                   | 0.02 U   |  |
| 4,4'-DDE                   | 0.02 U   |  |
| 4,4'-DDT                   | 0.02 U   |  |
| Aldrin                     | 0.01 U   |  |
| Alpha-BHC                  | 0.01 U   |  |
| Alpha-Chlordane            | 0.01 U   |  |
| Beta-BHC                   | 0.01 U   |  |
| Delta-BHC                  | 0.01 U   |  |
| Dieldrin                   | 0.02 U   |  |
| Endosulfan I               | 0.01 U   |  |
| Endosulfan II              | 0.02 U   |  |
| Endosulfan Sulfate         | 0.02 U   |  |
| Endrin                     | 0.02 U   |  |
| Endrin Aldehyde            | 0.02 U   |  |
| Endrin Ketone              | 0.02 U   |  |
| Gamma-BHC (Lindane)        | 0.01 U   |  |
| Gamma-Chlordane            | 0.01 U   |  |
| Heptachlor                 | 0.01 U   |  |
| Heptachlor Epoxide         | 0.01 U   |  |
| Methoxychlor               | 0.1 U    |  |
| Toxaphene                  | 1 U      |  |
| Aroclor-1016               | 0.2 U    |  |
| Aroclor-1221               | 0.4 U    |  |
| Aroclor-1232               | 0.2 U    |  |
| Aroclor-1242               | 0.2 U    |  |
| Aroclor-1248               | 0.2 U    |  |
| Aroclor-1254               | 0.2 U    |  |
| Aroclor-1260               | 0.2 U    |  |

DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                                       |          |
|---------------------------------------|----------|
| Sample ID:                            | RW10     |
| Sample Date:                          | 07/19/05 |
| Duplicate:                            |          |
|                                       |          |
|                                       | RESULT   |
| VOLATILES                             | ug/L     |
| 1,1,1-Trichloroethane                 | 0.5 U    |
| 1,1,2,2-Tetrachloroethane             | 0.5 U    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.5 U    |
| 1,1,2-Trichloroethane                 | 0.5 U    |
| 1,1-Dichloroethane                    | 0.5 U    |
| 1,1-Dichloroethene                    | 0.5 U    |
| 1,2,3-Trichlorobenzene                | 0.5 U    |
| 1,2,4-Trichlorobenzene                | 0.5 U    |
| 1,2-Dibromo-3-chloropropane           | 0.5 U    |
| 1,2-Dibromoethane                     | 0.5 U    |
| 1,2-Dichlorobenzene                   | 0.5 U    |
| 1,2-Dichloroethane                    | 0.5 U    |
| 1,2-Dichloroethene (cis)              | 0.5 U    |
| 1,2-Dichloroethene (trans)            | 0.5 U    |
| 1,2-Dichloropropane                   | 0.5 U    |
| 1,3-Dichlorobenzene                   | 0.5 U    |
| 1,4-Dichlorobenzene                   | 0.5 U    |
| 2-Butanone                            | 5 U      |
| 2-Hexanone                            | 5 U      |
| 4-Methyl-2-pentanone                  | 5 U      |
| Acetone                               | 2.8 B    |
| Benzene                               | 0.5 U    |
| Bromochloromethane                    | 0.5 U    |
| Bromodichloromethane                  | 0.5 U    |
| Bromoform                             | 0.5 U    |
| Bromomethane                          | 0.5 U    |
| Carbon Disulfide                      | 0.5 U    |
| Carbon Tetrachloride                  | 0.5 U    |
| Chlorobenzene                         | 0.5 U    |
| Chloroethane                          | 0.5 U    |
| Chloroform                            | 0.5 U    |
| Chloromethane                         | 0.5 UJ   |
| cis-1,3-Dichloropropene               | 0.5 U    |
| Cyclohexane                           | 0.5 U    |
| Dibromochloromethane                  | 0.5 U    |
| Dichlorodifluoromethane               | 0.5 U    |
| Ethylbenzene                          | 0.5 U    |
| Isopropylbenzene                      | 0.5 U    |
| Methyl Acetate                        | 0.5 U    |
| Methyl Tert-butyl Ether               | 0.5 U    |
| Methylcyclohexane                     | 0.5 U    |
| Methylene Chloride                    | 0.4 B    |
| Styrene                               | 0.5 U    |
| Tetrachloroethene                     | 0.5 U    |
| Toluene                               | 0.5 U    |
| trans-1,3-Dichloropropene             | 0.5 U    |
| Trichloroethene                       | 0.5 U    |
| Trichlorofluoromethane                | 0.5 U    |
| Vinyl Chloride                        | 0.5 U    |
| Xylene (Total)                        | 0.5 U    |

## **GLOSSARY OF DATA QUALIFIERS**

### **CODES RELATED TO IDENTIFICATION**

(confidence concerning presence or absence of compounds)

U = Not detected. The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unusable results. Analyte may or may not be present in the sample. Supporting data necessary to confirm.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

### **CODES RELATED TO QUANTITATION**

(can be used for both positive results and sample quantitation limits)

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

UJ = not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

### **OTHER CODES**

NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

Q = No analytical result.

7002 0510 0003 9019 1615

U.S. Postal Service

**CERTIFIED MAIL RECEIPT**

*(Domestic Mail Only; No Insurance Coverage Provided)*

(b) (6)

Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site  
July 2005 Sampling of Residential Well, RW

Street, Apt. No.,  
or PO Box No.

City, State, ZIP+4

PS Form 3800, January 2001

See Reverse for Instructions

### Certified Mail Provides:

- ☒ A mailing receipt
- ☒ A unique identifier for your mailpiece
- ☒ A signature upon delivery

delivery kept by the Postal Service for two years

#### **Reminders:**

Mail may ONLY be combined with First-Class Mail or Priority Mail.  
Mail is *not* available for any class of international mail.

RANCE COVERAGE IS PROVIDED with Certified Mail. For  
please consider Insured or Registered Mail.

Additional fee, a *Return Receipt* may be requested to provide proof of  
to obtain Return Receipt service, please complete and attach a Return  
S Form 3811) to the article and add applicable postage to cover the  
se mailpiece "Return Receipt Requested". To receive a fee waiver for  
a return receipt, a USPS postmark on your Certified Mail receipt is

-07  
an additional fee, delivery may be restricted to the addressee or  
essee's authorized agent. Advise the clerk or mark the mailpiece with the  
orsement "Restricted Delivery".

- ☒ If a postmark on the Certified Mail receipt is desired, please present the arti-  
cle at the post office for postmarking. If a postmark on the Certified Mail  
receipt is not needed, detach and affix label with postage and mail.

**IMPORTANT: Save this receipt and present it when making an inquiry.**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

October 31, 2005

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

(b) (6)

Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site  
July 2005 Sampling of Residential Well, RW-7

Dear (b) (6)

The purpose of this letter is to provide you with the results from the sampling of your home well on July 19, 2005. The water from your home is safe for drinking and any other use.

The water from your home was analyzed for a large list of potential chemicals which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs), metals, and radiological parameters. If there is a U in the last column, this means that the chemical was **not** detected. A table explaining the other qualifiers is attached.

EPA has compared your results with MCLs, which are the maximum contaminant levels allowed in a public water supply and the results have also been reviewed by an EPA toxicologist. EPA has determined that your results are below MCLs. In general, only low levels of sporadic chemicals were detected. However, concentrations are not high enough to present a health threat.

EPA intends to sample the water from your home again this November to take into account seasonal variations and its impact on the groundwater. If you have any questions about these results or other matters related to the Site, please call me at (215) 814-3195 or email me at [dietz.linda@epa.gov](mailto:dietz.linda@epa.gov). Thank you for your continued support during our sampling efforts.

Sincerely,

A handwritten signature in cursive script that reads "Linda Dietz".

Linda Dietz  
Remedial Project Manager  
Eastern Pennsylvania Remedial Section





## DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                  |          |
|------------------|----------|
| Sample ID:       | RW7      |
| Sample Date:     | 07/19/05 |
| Duplicate:       |          |
|                  |          |
|                  | RESULT   |
| TOTAL INORGANICS | ug/L     |
| Antimony         | 2 U      |
| Arsenic          | 0.62 B   |
| Barium           | 212      |
| Beryllium        | 1 UL     |
| Cadmium          | 1 U      |
| Chromium         | 0.079 B  |
| Cobalt           | 0.047 B  |
| Copper           | 5.4      |
| Lead             | 0.43 J   |
| Manganese        | 333      |
| Mercury          | 0.2 UL   |
| Nickel           | .072 J   |
| Selenium         | 5 U      |
| Silver           | 1 U      |
| Thallium         | 1 U      |
| Vanadium         | 0.04 B   |
| Zinc             | 16.3     |
| Cyanide          | 10 UL    |
|                  |          |
| RADIOCHEMISTRY   | pCi/L    |
| Alpha            | 1.5      |
| Beta             | 2.78     |
|                  |          |
| Am241            | 0.00544  |
| Ba140            | 10.3 U   |
| Bi214            | NA       |
| Co60             | 1.77 U   |
| Cs137            | 2.42 U   |
| I131             | 4.13 U   |
| K40              | 19.3 U   |
| Pb210            | 533 U    |
| Pb212            | NA       |
| Pb214            | NA       |
| Ra226            | 59.7 U   |
| Ra228(gamma)     | 13.4 U   |
|                  |          |
| H3               | 270      |
|                  |          |
| Ra228            | -0.466   |
|                  |          |
| Sr89             | 0.393    |
| Sr90             | -0.192   |
|                  |          |
| Th227            | -0.00248 |
| Th228            | 0.0112   |
| Th230            | 0.197    |
| Th232            | 0.00697  |

## DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6) E  
BLOOMSBURG, PENNSYLVANIA

|                              |          |
|------------------------------|----------|
| Sample ID:                   | RW7      |
| Sample Date:                 | 07/19/05 |
| Duplicate:                   |          |
|                              |          |
|                              | RESULT   |
| SEMIVOLATILES                | ug/L     |
| 1,1'-Biphenyl                | 5 U      |
| 1,2,4,5-Tetrachlorobenzene   | 5 U      |
| 2,2'-Oxybis(1-chloropropane) | 5 U      |
| 2,4,5-Trichlorophenol        | 20 U     |
| 2,4,6-Trichlorophenol        | 5 U      |
| 2,4-Dichlorophenol           | 5 U      |
| 2,4-Dimethylphenol           | 5 U      |
| 2,4-Dinitrophenol            | 20 U     |
| 2,4-Dinitrotoluene           | 5 U      |
| 2,6-Dinitrotoluene           | 5 U      |
| 2-Chloronaphthalene          | 5 U      |
| 2-Chlorophenol               | 5 U      |
| 2-Methylnaphthalene          | 5 U      |
| 2-Methylphenol               | 5 U      |
| 2-Nitroaniline               | 20 U     |
| 2-Nitrophenol                | 5 U      |
| 3,3'-Dichlorobenzidine       | 5 U      |
| 3-Nitroaniline               | 20 U     |
| 4,6-Dinitro-2-methylphenol   | 20 U     |
| 4-Bromophenyl Phenyl Ether   | 5 U      |
| 4-Chloro-3-methylphenol      | 5 U      |
| 4-Chloroaniline              | 5 U      |
| 4-Chlorophenyl Phenyl Ether  | 5 U      |
| 4-Methylphenol               | 5 U      |
| 4-Nitroaniline               | 20 U     |
| 4-Nitrophenol                | 20 U     |
| Acenaphthene                 | 5 U      |
| Acenaphthylene               | 5 U      |
| Acetophenone                 | 5 U      |
| Anthracene                   | 5 U      |
| Atrazine                     | 5 U      |
| Benz(a)anthracene            | 5 U      |
| Benzaldehyde                 | 5 U      |
| Benzo(a)pyrene               | 5 U      |
| Benzo(b)fluoranthene         | 5 U      |
| Benzo(g,h,i)perylene         | 5 U      |
| Benzo(k)fluoranthene         | 5 U      |
| Bis(2-chloroethoxy)methane   | 5 U      |
| Bis(2-ethylhexyl)phthalate   | 5 U      |
| Bis-(2-chloroethyl) Ether    | 5 U      |
| Butylbenzylphthalate         | 5 U      |
| Caprolactam                  | 5 U      |
| Chrysene                     | 5 U      |
| Di-n-butylphthalate          | 5 U      |
| Di-n-octylphthalate          | 5 U      |
| Dibenz(a,h)anthracene        | 5 U      |
| Dibenzofuran                 | 5 U      |
| Diethylphthalate             | 5 U      |
| Dimethylphthalate            | 5 U      |
| Fluoranthene                 | 5 U      |
| Fluorene                     | 5 U      |
| SEMIVOLATILES (Con't)        | ug/L     |

## DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
E  
BLOOMSBURG, PENNSYLVANIA

|                            |          |
|----------------------------|----------|
| Sample ID:                 | RW7      |
| Sample Date:               | 07/19/05 |
| Duplicate:                 |          |
|                            | RESULT   |
| Hexachlorobenzene          | 5 U      |
| Hexachlorobutadiene        | 5 U      |
| Hexachlorocyclopentadiene  | 5 U      |
| Hexachloroethane           | 5 U      |
| Indeno(1,2,3-cd)pyrene     | 5 U      |
| Isophorone                 | 5 U      |
| N-Nitroso-di-n-propylamine | 5 U      |
| N-Nitrosodiphenylamine (1) | 5 U      |
| Naphthalene                | 5 U      |
| Nitrobenzene               | 5 U      |
| Pentachlorophenol          | 5 U      |
| Phenanthrene               | 5 U      |
| Phenol                     | 5 U      |
| Pyrene                     | 5 U      |
| PESTICIDES/PCBS            | ug/L     |
| 4,4'-DDD                   | 0.02 U   |
| 4,4'-DDE                   | 0.02 U   |
| 4,4'-DDT                   | 0.02 U   |
| Aldrin                     | 0.01 U   |
| Alpha-BHC                  | 0.01 U   |
| Alpha-Chlordane            | 0.01 U   |
| Beta-BHC                   | 0.01 U   |
| Delta-BHC                  | 0.01 U   |
| Dieldrin                   | 0.02 U   |
| Endosulfan I               | 0.01 U   |
| Endosulfan II              | 0.02 U   |
| Endosulfan Sulfate         | 0.02 U   |
| Endrin                     | 0.02 U   |
| Endrin Aldehyde            | 0.02 U   |
| Endrin Ketone              | 0.02 U   |
| Gamma-BHC (Lindane)        | 0.01 U   |
| Gamma-Chlordane            | 0.01 U   |
| Heptachlor                 | 0.01 U   |
| Heptachlor Epoxide         | 0.01 U   |
| Methoxychlor               | 0.1 U    |
| Toxaphene                  | 1 U      |
| Aroclor-1016               | 0.2 U    |
| Aroclor-1221               | 0.4 U    |
| Aroclor-1232               | 0.2 U    |
| Aroclor-1242               | 0.2 U    |
| Aroclor-1248               | 0.2 U    |
| Aroclor-1254               | 0.2 U    |
| Aroclor-1260               | 0.2 U    |

DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)  
BLOOMSBURG, PENNSYLVANIA

|                                       |             |
|---------------------------------------|-------------|
| Sample ID:                            | RW7         |
| Sample Date:                          | 07/19/05    |
| Duplicate:                            |             |
|                                       |             |
|                                       | RESULT      |
| <b>VOLATILES</b>                      | <b>ug/L</b> |
| 1,1,1-Trichloroethane                 | 0.5 U       |
| 1,1,2,2-Tetrachloroethane             | 0.5 U       |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.5 U       |
| 1,1,2-Trichloroethane                 | 0.5 U       |
| 1,1-Dichloroethane                    | 0.5 U       |
| 1,1-Dichloroethene                    | 0.5 U       |
| 1,2,3-Trichlorobenzene                | 0.5 U       |
| 1,2,4-Trichlorobenzene                | 0.5 U       |
| 1,2-Dibromo-3-chloropropane           | 0.5 U       |
| 1,2-Dibromoethane                     | 0.5 U       |
| 1,2-Dichlorobenzene                   | 0.5 U       |
| 1,2-Dichloroethane                    | 0.5 U       |
| 1,2-Dichloroethene (cis)              | 0.5 U       |
| 1,2-Dichloroethene (trans)            | 0.5 U       |
| 1,2-Dichloropropane                   | 0.5 U       |
| 1,3-Dichlorobenzene                   | 0.5 U       |
| 1,4-Dichlorobenzene                   | 0.5 U       |
| 2-Butanone                            | 5 U         |
| 2-Hexanone                            | 5 U         |
| 4-Methyl-2-pentanone                  | 5 U         |
| Acetone                               | 2.1 B       |
| Benzene                               | 0.5 U       |
| Bromochloromethane                    | 0.5 U       |
| Bromodichloromethane                  | 0.5 U       |
| Bromoform                             | 0.5 U       |
| Bromomethane                          | 0.5 U       |
| Carbon Disulfide                      | 0.5 U       |
| Carbon Tetrachloride                  | 0.5 U       |
| Chlorobenzene                         | 0.5 U       |
| Chloroethane                          | 0.5 U       |
| Chloroform                            | 0.5 U       |
| Chloromethane                         | 0.5 U       |
| cis-1,3-Dichloropropene               | 0.5 U       |
| Cyclohexane                           | 0.5 U       |
| Dibromochloromethane                  | 0.5 U       |
| Dichlorodifluoromethane               | 0.5 UJ      |
| Ethylbenzene                          | 0.5 U       |
| Isopropylbenzene                      | 0.5 U       |
| Methyl Acetate                        | 0.5 U       |
| Methyl Tert-butyl Ether               | 0.5 U       |
| Methylcyclohexane                     | 0.5 U       |
| Methylene Chloride                    | 0.34 B      |
| Styrene                               | 0.5 U       |
| Tetrachloroethene                     | 0.5 U       |
| Toluene                               | 0.5 U       |
| trans-1,3-Dichloropropene             | 0.5 U       |
| Trichloroethene                       | 0.5 U       |
| Trichlorofluoromethane                | 0.5 U       |
| Vinyl Chloride                        | 0.5 U       |
| Xylene (Total)                        | 0.5 U       |

## **GLOSSARY OF DATA QUALIFIERS**

### **CODES RELATED TO IDENTIFICATION**

(confidence concerning presence or absence of compounds)

U = Not detected. The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unusable results. Analyte may or may not be present in the sample. Supporting data necessary to confirm.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

### **CODES RELATED TO QUANTITATION**

(can be used for both positive results and sample quantitation limits)

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

UJ = not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

### **OTHER CODES**

NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

Q = No analytical result.

CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

(b) (6)

Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site  
July 2005 Sampling of Residential Well, RV

Street, Apt. No.,  
or PO Box No.

City, State, ZIP+4

## **Certified Mail Provides:**

- ☒ A mailing receipt
- ☐ A unique identifier for your mailpiece
- ☐ A signature upon delivery
- ☐ A record of delivery kept by the Postal Service for two years

## **Important Reminders:**

Mail may ONLY be combined with First-Class Mail or Priority Mail.

Mail is *not* available for any class of international mail.

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ditional fee, a *Return Receipt* may be requested to provide proof of. o obtain Return Receipt service, please complete and attach a Return (PS Form 3811) to the article and add applicable postage to cover the rse mailpiece "Return Receipt Requested". To receive a fee waiver for te return receipt, a USPS postmark on your Certified Mail receipt is

V-08

additional fee, delivery may be restricted to the addressee or ee's authorized agent. Advise the clerk or mark the mailpiece with the ment "*Restricted Delivery*".

mark on the Certified Mail receipt is desired, please present the arti- cie at the post office for postmarking. If a postmark on the Certified Mail receipt is not needed, detach and affix label with postage and mail.

**IMPORTANT: Save this receipt and present it when making an inquiry.**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

October 31, 2005

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

(b) (6)

Bloomsburg, PA 17815

Re: Safety Light Corporation Superfund Site  
July 2005 Sampling of Residential Well, RW-8

Dear (b) (6)

The purpose of this letter is to provide you with the results from the sampling of your home well on July 19, 2005. The water from your well is safe for drinking and any other use.

The water from your home was analyzed for a large list of potential chemicals which included volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, Polychlorinated Biphenyls (PCBs), metals, and radiological parameters. If there is a U in the last column, this means that the chemical was **not** detected. A table explaining the other qualifiers is attached.

EPA has compared your results with MCLs, which are the maximum contaminant levels allowed in a public water supply and the results have also been reviewed by an EPA toxicologist. EPA has determined that your results are below MCLs. In general, only low levels of sporadic metals were detected. However, concentrations are not high enough to present a health threat.

EPA intends to sample the water from your home again this Summer to take into account seasonal variations and its impact on the groundwater. If you have any questions about these results or other matters related to the Site, please call me at (215) 814-3195 or email me at dietz.linda@epa.gov. Thank you for your continued support during our sampling efforts.

Sincerely,

Linda Dietz  
Remedial Project Manager  
Eastern Pennsylvania Remedial Section





## DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)

BLOOMSBURG, PENNSYLVANIA

|                  |          |
|------------------|----------|
| Sample ID:       | RW8      |
| Sample Date:     | 07/19/05 |
| Duplicate:       |          |
|                  |          |
|                  | RESULT   |
| TOTAL INORGANICS | ug/L     |
| Antimony         | 2 U      |
| Arsenic          | 0.41 B   |
| Barium           | 225      |
| Beryllium        | 1 UL     |
| Cadmium          | 1 U      |
| Chromium         | 0.053 B  |
| Cobalt           | 0.047 B  |
| Copper           | 0.92 B   |
| Lead             | 0.34 J   |
| Manganese        | 214      |
| Mercury          | 0.2 UL   |
| Nickel           | 0.43 J   |
| Selenium         | 5 U      |
| Silver           | 1 U      |
| Thallium         | 1 U      |
| Vanadium         | 1 U      |
| Zinc             | 10       |
| Cyanide          | 10 UL    |
|                  |          |
| RADIOCHEMISTRY   | pci/L    |
| Alpha            | 1.26     |
| Beta             | 0.667    |
|                  |          |
| Am241            | -0.0178  |
| Ba140            | 10.4 U   |
| Bi214            | NA       |
| Co60             | 2.01 U   |
| Cs137            | 2.3 U    |
| I131             | 4.07 U   |
| K40              | 15.3 U   |
| Pb210            | 548 U    |
| Pb212            | NA       |
| Pb214            | NA       |
| Ra226            | 56.2 U   |
| Ra228(gamma)     | 15 U     |
|                  |          |
| H3               | 320      |
|                  |          |
| Ra228            | -0.274   |
|                  |          |
| Sr89             | 0.554    |
| Sr90             | -0.284   |
|                  |          |
| Th227            | -0.00633 |
| Th228            | -0.00592 |
| Th230            | 0.00949  |
| Th232            | 0.00237  |

## DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)

BLOOMSBURG, PENNSYLVANIA

|                              |          |
|------------------------------|----------|
| Sample ID:                   | RW8      |
| Sample Date:                 | 07/19/05 |
| Duplicate:                   |          |
|                              |          |
|                              | RESULT   |
| SEMIVOLATILES                | ug/L     |
| 1,1'-Biphenyl                | 5 U      |
| 1,2,4,5-Tetrachlorobenzene   | 5 U      |
| 2,2'-Oxybis(1-chloropropane) | 5 U      |
| 2,4,5-Trichlorophenol        | 20 U     |
| 2,4,6-Trichlorophenol        | 5 U      |
| 2,4-Dichlorophenol           | 5 U      |
| 2,4-Dimethylphenol           | 5 U      |
| 2,4-Dinitrophenol            | 20 U     |
| 2,4-Dinitrotoluene           | 5 U      |
| 2,6-Dinitrotoluene           | 5 U      |
| 2-Chloronaphthalene          | 5 U      |
| 2-Chlorophenol               | 5 U      |
| 2-Methylnaphthalene          | 5 U      |
| 2-Methylphenol               | 5 U      |
| 2-Nitroaniline               | 20 U     |
| 2-Nitrophenol                | 5 U      |
| 3,3'-Dichlorobenzidine       | 5 U      |
| 3-Nitroaniline               | 20 U     |
| 4,6-Dinitro-2-methylphenol   | 20 U     |
| 4-Bromophenyl Phenyl Ether   | 5 U      |
| 4-Chloro-3-methylphenol      | 5 U      |
| 4-Chloroaniline              | 5 U      |
| 4-Chlorophenyl Phenyl Ether  | 5 U      |
| 4-Methylphenol               | 5 U      |
| 4-Nitroaniline               | 20 U     |
| 4-Nitrophenol                | 20 U     |
| Acenaphthene                 | 5 U      |
| Acenaphthylene               | 5 U      |
| Acetophenone                 | 5 U      |
| Anthracene                   | 5 U      |
| Atrazine                     | 5 U      |
| Benz(a)anthracene            | 5 U      |
| Benzaldehyde                 | 5 U      |
| Benzo(a)pyrene               | 5 U      |
| Benzo(b)fluoranthene         | 5 U      |
| Benzo(g,h,i)perylene         | 5 U      |
| Benzo(k)fluoranthene         | 5 U      |
| Bis(2-chloroethoxy)methane   | 5 U      |
| Bis(2-ethylhexyl)phthalate   | 2.1 J    |
| Bis-(2-chloroethyl) Ether    | 5 U      |
| Butylbenzylphthalate         | 5 U      |
| Caprolactam                  | 5 U      |
| Chrysene                     | 5 U      |
| Di-n-butylphthalate          | 1.2 J    |
| Di-n-octylphthalate          | 5 U      |
| Dibenz(a,h)anthracene        | 5 U      |
| Dibenzofuran                 | 5 U      |
| Diethylphthalate             | 5 U      |
| Dimethylphthalate            | 5 U      |
| Fluoranthene                 | 5 U      |
| Fluorene                     | 5 U      |
| SEMIVOLATILES (Con't)        | ug/L     |

## DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)

BLOOMSBURG, PENNSYLVANIA

|                            |          |
|----------------------------|----------|
| Sample ID:                 | RW8      |
| Sample Date:               | 07/19/05 |
| Duplicate:                 |          |
|                            |          |
|                            | RESULT * |
| Hexachlorobenzene          | 5 U      |
| Hexachlorobutadiene        | 5 U      |
| Hexachlorocyclopentadiene  | 5 U      |
| Hexachloroethane           | 5 U      |
| Indeno(1,2,3-cd)pyrene     | 5 U      |
| Isophorone                 | 5 U      |
| N-Nitroso-di-n-propylamine | 5 U      |
| N-Nitrosodiphenylamine (1) | 5 U      |
| Naphthalene                | 5 U      |
| Nitrobenzene               | 5 U      |
| Pentachlorophenol          | 5 U      |
| Phenanthrene               | 5 U      |
| Phenol                     | 5 U      |
| Pyrene                     | 5 U      |
|                            |          |
| PESTICIDES/PCBS            | ug/L     |
| 4,4'-DDD                   | 0.02 U   |
| 4,4'-DDE                   | 0.02 U   |
| 4,4'-DDT                   | 0.02 U   |
| Aldrin                     | 0.01 U   |
| Alpha-BHC                  | 0.01 U   |
| Alpha-Chlordane            | 0.01 U   |
| Beta-BHC                   | 0.01 U   |
| Delta-BHC                  | 0.01 U   |
| Dieldrin                   | 0.02 U   |
| Endosulfan I               | 0.01 U   |
| Endosulfan II              | 0.02 U   |
| Endosulfan Sulfate         | 0.02 U   |
| Endrin                     | 0.02 U   |
| Endrin Aldehyde            | 0.02 U   |
| Endrin Ketone              | 0.02 U   |
| Gamma-BHC (Lindane)        | 0.01 U   |
| Gamma-Chlordane            | 0.01 U   |
| Heptachlor                 | 0.01 U   |
| Heptachlor Epoxide         | 0.01 U   |
| Methoxychlor               | 0.1 U    |
| Toxaphene                  | 1 U      |
| Aroclor-1016               | 0.2 U    |
| Aroclor-1221               | 0.4 U    |
| Aroclor-1232               | 0.2 U    |
| Aroclor-1242               | 0.2 U    |
| Aroclor-1248               | 0.2 U    |
| Aroclor-1254               | 0.2 U    |
| Aroclor-1260               | 0.2 U    |

## DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)

BLOOMSBURG, PENNSYLVANIA

|                                       |          |
|---------------------------------------|----------|
| Sample ID:                            | RW8      |
| Sample Date:                          | 07/19/05 |
| Duplicate:                            |          |
|                                       |          |
|                                       | RESULT   |
| VOLATILES                             | ug/L     |
| 1,1,1-Trichloroethane                 | 0.5 U    |
| 1,1,2,2-Tetrachloroethane             | 0.5 U    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.5 U    |
| 1,1,2-Trichloroethane                 | 0.5 U    |
| 1,1-Dichloroethane                    | 0.5 U    |
| 1,1-Dichloroethene                    | 0.5 U    |
| 1,2,3-Trichlorobenzene                | 0.5 U    |
| 1,2,4-Trichlorobenzene                | 0.5 U    |
| 1,2-Dibromo-3-chloropropane           | 0.5 U    |
| 1,2-Dibromoethane                     | 0.5 U    |
| 1,2-Dichlorobenzene                   | 0.5 U    |
| 1,2-Dichloroethane                    | 0.5 U    |
| 1,2-Dichloroethene (cis)              | 0.5 U    |
| 1,2-Dichloroethene (trans)            | 0.5 U    |
| 1,2-Dichloropropane                   | 0.5 U    |
| 1,3-Dichlorobenzene                   | 0.5 U    |
| 1,4-Dichlorobenzene                   | 0.5 U    |
| 2-Butanone                            | 5 U      |
| 2-Hexanone                            | 5 U      |
| 4-Methyl-2-pentanone                  | 5 U      |
| Acetone                               | 2.5 B    |
| Benzene                               | 0.5 U    |
| Bromochloromethane                    | 0.5 U    |
| Bromodichloromethane                  | 0.5 U    |
| Bromoform                             | 0.5 U    |
| Bromomethane                          | 0.5 U    |
| Carbon Disulfide                      | 0.5 U    |
| Carbon Tetrachloride                  | 0.5 U    |
| Chlorobenzene                         | 0.5 U    |
| Chloroethane                          | 0.5 U    |
| Chloroform                            | 0.5 U    |
| Chloromethane                         | 0.5 U    |
| cis-1,3-Dichloropropene               | 0.5 U    |
| Cyclohexane                           | 0.5 U    |
| Dibromochloromethane                  | 0.5 U    |
| Dichlorodifluoromethane               | 0.5 U    |
| Ethylbenzene                          | 0.5 U    |
| Isopropylbenzene                      | 0.5 U    |
| Methyl Acetate                        | 0.5 U    |
| Methyl Tert-butyl Ether               | 0.5 U    |
| Methylcyclohexane                     | 0.5 U    |
| Methylene Chloride                    | 0.33 J   |
| Styrene                               | 0.5 U    |
| Tetrachloroethene                     | 0.5 U    |
| Toluene                               | 0.5 U    |
| trans-1,3-Dichloropropene             | 0.5 U    |
| Trichloroethene                       | 0.5 U    |
| Trichlorofluoromethane                | 0.5 U    |
| Vinyl Chloride                        | 0.5 U    |
| Xylene (Total)                        | 0.5 U    |

## DATA SUMMARY OF ANALYTICAL RESULTS

(b) (6)

BLOOMSBURG, PENNSYLVANIA

|                                       |          |
|---------------------------------------|----------|
| Sample ID:                            | RW8      |
| Sample Date:                          | 07/19/05 |
| Duplicate:                            |          |
|                                       |          |
|                                       | RESULT   |
| VOLATILES                             | ug/L     |
| 1,1,1-Trichloroethane                 | 0.5 U    |
| 1,1,2,2-Tetrachloroethane             | 0.5 U    |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.5 U    |
| 1,1,2-Trichloroethane                 | 0.5 U    |
| 1,1-Dichloroethane                    | 0.5 U    |
| 1,1-Dichloroethene                    | 0.5 U    |
| 1,2,3-Trichlorobenzene                | 0.5 U    |
| 1,2,4-Trichlorobenzene                | 0.5 U    |
| 1,2-Dibromo-3-chloropropane           | 0.5 U    |
| 1,2-Dibromoethane                     | 0.5 U    |
| 1,2-Dichlorobenzene                   | 0.5 U    |
| 1,2-Dichloroethane                    | 0.5 U    |
| 1,2-Dichloroethene (cis)              | 0.5 U    |
| 1,2-Dichloroethene (trans)            | 0.5 U    |
| 1,2-Dichloropropane                   | 0.5 U    |
| 1,3-Dichlorobenzene                   | 0.5 U    |
| 1,4-Dichlorobenzene                   | 0.5 U    |
| 2-Butanone                            | 5 U      |
| 2-Hexanone                            | 5 U      |
| 4-Methyl-2-pentanone                  | 5 U      |
| Acetone                               | 2.5 B    |
| Benzene                               | 0.5 U    |
| Bromochloromethane                    | 0.5 U    |
| Bromodichloromethane                  | 0.5 U    |
| Bromoform                             | 0.5 U    |
| Bromomethane                          | 0.5 U    |
| Carbon Disulfide                      | 0.5 U    |
| Carbon Tetrachloride                  | 0.5 U    |
| Chlorobenzene                         | 0.5 U    |
| Chloroethane                          | 0.5 U    |
| Chloroform                            | 0.5 U    |
| Chloromethane                         | 0.5 U    |
| cis-1,3-Dichloropropene               | 0.5 U    |
| Cyclohexane                           | 0.5 U    |
| Dibromochloromethane                  | 0.5 U    |
| Dichlorodifluoromethane               | 0.5 UJ   |
| Ethylbenzene                          | 0.5 U    |
| Isopropylbenzene                      | 0.5 U    |
| Methyl Acetate                        | 0.5 U    |
| Methyl Tert-butyl Ether               | 0.5 U    |
| Methylcyclohexane                     | 0.5 U    |
| Methylene Chloride                    | 0.33 J   |
| Styrene                               | 0.5 U    |
| Tetrachloroethene                     | 0.5 U    |
| Toluene                               | 0.5 U    |
| trans-1,3-Dichloropropene             | 0.5 U    |
| Trichloroethene                       | 0.5 U    |
| Trichlorofluoromethane                | 0.5 U    |
| Vinyl Chloride                        | 0.5 U    |
| Xylene (Total)                        | 0.5 U    |

## **GLOSSARY OF DATA QUALIFIERS**

### **CODES RELATED TO IDENTIFICATION**

(confidence concerning presence or absence of compounds)

U = Not detected. The associated number indicates approximate sample concentration necessary to be detected.

NO CODE = Confirmed identification

B = Not detected substantially above the level reported in laboratory or field blanks.

R = Unusable results. Analyte may or may not be present in the sample. Supporting data necessary to confirm.

N = Tentative identification. Consider present. Special methods may be needed to confirm its presence or absence in future sampling efforts.

### **CODES RELATED TO QUANTITATION**

(can be used for both positive results and sample quantitation limits)

J = Analyte present. Reported value may not be accurate or precise.

K = Analyte present. Reported value may be biased high. Actual value is expected to be lower.

L = Analyte present. Reported value may be biased low. Actual value is expected to be higher.

UJ = not detected, quantitation limit may be inaccurate or imprecise.

UL = Not detected, quantitation limit is probably higher.

### **OTHER CODES**

NJ = Qualitative identification questionable due to poor resolution. Presumptively present at approximate quantity.

Q = No analytical result.